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ABSTRACT

This report details Task D (of a seventeen-task project), which identified safety and health concepts, knowledge, and skills included in print and non-print materials designed to develop performance outcomes needed by employers and employees. (The project intends to develop performance-based modularized instructional materials for teaching job safety and health in secondary, postsecondary, and adult vocational education programs.) Fifteen occupational clusters are included: agriculture (and agribusiness), business and office, communication and media, construction, fine arts and humanities, home economics-related occupations, health, hospitality and recreation, manufacturing, marine science, marketing and distribution, natural resources and environment, personal services, public service, and transportation. An appendix, comprising most of the report, is a reference catalog for training personnel and planners and provides use and availability information about instructional materials, references, and training aids for modules. One index, section 2, lists materials by occupational clusters and as printed material, nonprint materials, or catalogs. Section 3 is an alphabetical title index to the 164 items. The materials description sections (4-6) comprise the bulk of the appendix. Materials are grouped as printed materials, nonprint materials, and catalogs. For each item the following information is given: title, format, source, items, description (major topics), cluster relevance, and module suitability (subject areas). Section 7 gives addresses for sources. (YLB)

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SAFETY AND HEALTH INSTRUCTIONAL MATERIALS
FOR VOCATIONAL EDUCATION -
A STATE OF THE ART REPORT

Task D Report Contract No. 300790709

DEVELOPMENT OF SAFETY AND HEALTH
INSTRUCTIONAL MATERIALS

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Waco, Texas
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The work reported herein was performed pursuant to a contract with the U. S. Department of Education. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their professional judgment in the conduct of the project. Points of view or opinions stated do not, therefore, necessarily represent official Department of Education position or policy.

Department of Education
Bureau of Occupational and Adult Education
Curriculum Development Branch

U. S. DEPARTMENT OF EDUCATION

CE 026 890

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EDUCATION & WELFARE
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INTRODUCTION

Studies have shown that a disproportionate number of accidents occur during the first several months of a worker's career. This evidence suggests that vocational-technical curricula should include instruction in safety and health so new workers not only are knowledgable of factors that affect job safety, but that they also possess the proper attitude toward this important part of their job.

PROJECT DESCRIPTION

In October 1979, under Programs of National Significance of the Vocational Education Act of 1963, as amended, the U. S. Department of Education, Bureau of Occupational and Adult Education, funded a program (contract #300790709) with Technical Education Reserach Center - Southwest. The project seeks to augment and enrich existing and newly-created safety and health instructional materials, and to increase the knowledge and skills related to the safety and health of workers, including factors affecting their work environment.

Performance-based modularized instructional materials* will be developed for use in the teaching of job safety and health in secondary, postsecondary, and adult vocational educational programs. Instructional materials will be selected for use inprograms related to 15 different occupational clusters.

In the first phase of the project, the requirements and implications of OSHA guidelines were identified for each occupational cluster

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*Performance-based is a type of material that contains stated behavioral objectives that specify what the student should be able to do (perform) after completing the instructional package. The term "modularized" indicates one self-contained instructional unit designed to help the student achieve certain competencies. These materials can be used by individuals of in group instruction.

(Task C). Concurrent with this activity, existing instructional materials were acquired and evaluated for use in the program (Task D). Approximately 15 new modules were to be designed, and 35 modules were to result from revision of existing materials. These 50 modules should be suitable for instruction in 15 occupational areas for secondary, postsecondary and adult education programs. Some of the modules will also be useful for students who are disabled or who have limited English proficiencies.

The 50 modules developed for this project will be reviewed and tested by technical specialists and educators. Program resource guides that describe the materials and that list media-supported and printed instructional aids will be developed for instructors in each of the 15 occupational clusters. The diffusion of materials developed in this project will be accomplished by distribution of sample guides and modules to interested parties and by conducting regional workshops.

OBJECTIVE OF PROJECT TASK D

The project is composed of seventeen tasks. This report addresses one of those tasks, specifically Task D, which states:

> Conduct a search and prepare a state of the art report on occupational safety and health instructional materials for each of the 15 occupational clusters.
>
> The purpose of this Task is to identify concepts, knowledge, and skills which are included in print and non-print materials designed to develop performance outcomes needed by individual workers and supervisors/managers.
>
> This Report shall be organized for use with the Report on Task C as the basis for identifying discrepancies and deficiencies during Task E.

The main objective of Task C was to establish the safety and health concepts, knowledge, and skills needed by employers and employees in the 15 occupational clusters. Task D establishes the existence of and analyzes the content of previously created materials. These materials have been gathered from various sources and reviewed for cluster and module applicability. Task E will define specific content of the materials to be created and describe those modules that will be modified for project use.

Close examination of the statement of Task D revealed three specific questions to be answered, including:

- What safety and health concepts, knowledge, and skills are needed by employees and employers?
- What print and non-print safety and health instructional materials exist pursuant to the 15 occupational clusters?
- How can Tasks C and D be used to resolve Task E?

Each question will be examined in sequence, in the following sections of this report.

SAFETY AND HEALTH CONCEPTS, KNOWLEDGE, AND SKILLS NEEDED BY EMPLOYEES AND EMPLOYERS

The topics/titles which include safety and health concepts, knowledge, and skills needed by employees and employers have been identified and are found in Appendix A. Each topic or title will result in one or more instructional modules, and each module will contain performance-based objectives including cognitive, psychomotor and affective learning activities. Any given occupational cluster will require a specific set of modules to provide the safety and health information needed by the workforce in that cluster. More specifically, an individual instructor with students in a given occupational cluster will select specific modules applicable to the students' job responsibilities. The modularized format of these instructional materials will encourage and facilitate tailoring courses for students with a variety of backgrounds and needs.

Modules will be designed at two levels. One level will present basic information concerning a broad topic and will be identified as a core module. The level and content of each core module will be such that all 15 occupational clusters will use all core modules. Proposed core module titles are listed below:

1. Occupational Safety and Health Act.
2. Life Safety Code.
3. Medical and First Aid.
4. Hazard Recognition and Classification.
5. Walking-working Surfaces.
6. Safety Color Codes.
7. Materials Handling.
8. Fire Protection.
9. Electrical Safety.
10. Workers' Compensation Laws.
11. Environmental Standards.
12. Environmental Control Procedures.

The content of the core modules can be exemplified by number 5 above, Walking-working Surfaces. This module will present basic information concerning:

- Guarding procedures for openings in floors and walls.
- Safety features and safe use of fixed stairs.
- Types and safe use of ladders; portable wood and metal and fixed ladders.
- Safe use of features of mobile ladders and scaffolds.
- Other working surfaces such as dockboards.
- Making buildings and facilities accessible to the physically handicapped.

As a core module, the above content will receive a general treatment without attempting to meet the specific needs of workers in various occupational clusters.

The second level consists of specific modules, many designed as an explanation of those topics within the core modules which need further treatment or those needed by less than all the clusters. The topic of ladders in the above example will need additional description through the use of specific modules. Many occupations utilize ladders, some of which are unique to a specific job. For example, students in construction occupations need specific information concerning wood and metal portable ladders and ladders made on the construction site. Whereas, workers in longshoring occupations are concerned with a Jacob's ladder and ladders of a fixed type. Separate instructional modules relating to ladders should be created for use by construction and longshoring workers.

The time and development limitations of this project necessitate selecting certain modules for development. However, the basic design will be created to which many other specific modules could be added.

Each occupational cluster is composed of specific occupations with workers performing certain tasks. The number of specific occupations that could be identified for all clusters combined would exceed 20,000[1]. With this number of occupations and the various tasks performed by each worker within a given occupation, it would be impractical to specify each safety or health hazard that would or could be encountered by each worker. However, general safety and health skills and knowledge found in the core modules are needed by all workers regardless of their occupational cluster.

In addition to the content of the core modules, specific safety and health knowledge and skills needed by each cluster must be determined after examining the occupations and instructional programs. Each occupational cluster is divided into instructional program categories, some of which are directly related to existing educational programs. Other instructional program categories represent a collection of related vocational areas and do not correlate directly to an existing educational or instructional program. This phenomena is the result of the lack of continuity between the instructional program categories in each of the 15 occupational clusters and existing vocational education programs. There are instances where the correlation of OSHA regulations to vocational education are rather high, but there are also those instances that lack any correlation and are very difficult to infuse into the system. The following descriptions identify the activities and specific safety and health concepts and skills needed by workers in the 15 occupational clusters:

AGRICULTURE (Including Agribusiness)

Workers in various aspects of Agriculture can be grouped into the following instructional program categories:

- Agricultural Production.
- Processing and Marketing.
- Regulation and Support.

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[1] Dictionary of Occupational Titles — Department of Labor, 4th Edition, 1977.

- Agricultural Supplies/Services.
- Research.

Specific safety and health concepts, knowledge, and skills needed by workers in this occupational cluster include:

- Safe operation of machinery and tools, including proper guarding procedures.
- The safe operation of commercial vehicles and off-road equipment.
- Need for, and process of, proper sanitation and housekeeping procedures.
- Special precautions used with handling, movement, and storage of toxic or hazardous chemicals.
- Identification of the circumstances for, and use of, personal protective equipment.
- Description of the specific hazards and safety procedures associated with welding, cutting, and brazing.
- Identification and description of the OSHA standards that are unique for agriculture-related occupations.

Agriculture extension agents, Future Farmers of America, and a complete range of occupation-specific societies and organizations have provided safety and health information to members and non-members seeking aid. Safety information provided is most commonly in the form of posters, signs, leaflets, or booklets.

BUSINESS AND OFFICE

A broad range of instruction program categories is grouped into this cluster, including:

- Accounting.
- Computer.
- Stenographic and Secretarial.
- Supervisory and Management.

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- Personnel.
- Finance, Insurance, and Real Estate.
- Office (Clerical).

As with other non-industry oriented clusters, little attention is devoted to safety and health skills training. The only module content specifically designed for workers in this clusters is:

- Safety standards that apply to administrative, mechandising, business, and office environments.
- The safe operation of commercial vehicles.

COMMUNICATION AND MEDIA

Designated instructional program categories in this cluster include:

- Journalism.
- Motion Pictures.
- Telephone and Telegraph.
- Recording Industry.
- Radio and Television Broadcasting.
- Satellite and Laser Transmission.

As with many of the clusters in which the workers have a low level of obvious hazard situations occurring on a day-to-day basis, little emphasis is given to worker safety education. Specific knowledge and skills for workers in this cluster include:

- The need and process of proper sanitation and housekeeping procedures.
- Safe, proper use and maintenance of hand and portable power tools.
- Safety standards that apply to administrative, merchandising, business, and office environments.

- Specific circumstances for and use of personal protective equipment.
- The safe operation of commercial vehicles.
- Proper procedures for handling and storing compressed air and gases.
- Special precautions concerned with exposure to ionizing radiation.

CONSTRUCTION

Workers in this cluster are frequently exposed to a variety of hazards. The Department of Labor considered the problems in the construction industry unique enough to establish additional, separate guidelines for safety and health practices in the form of 29 CFR 1926. Instructional program categories in this cluster include:

- Carpentry.
- Metal.
- Masonry.
- Electricity.
- Finishing.
- Heavy Equipment Operations.
- Engineering and Support Services.

Major efforts have been aimed at improving the safety record of workers in this occupational cluster. Schools, public and private organizations and professional construction societies have produced materials for safety education. Specific safety and health concepts and skills needed by this cluster include:

- The need for and process of proper sanitation and housekeeping procedures.
- Safe, proper use and maintenance of hand and portable power tools.
- The identification of circumstances for and use of personal protective equipment.

- Safe and proper use of powered industrial trucks, off-road equipment, and commercial vehicles.
- Identification of, handling, use, storage, and disposal of hazardous, explosive, and toxic substances.
- Proper procedures for use, handling, and storing compressed air and gases.
- Hazards and precautions of working in confined spaces.
- Unique requirements for concrete, concrete forms, and shoring procedures.
- Safety problems and procedures found in demolition activities.
- Safe and proper use of machinery and tools, including guarding procedures.
- Structural limitations and safety procedures for erecting steel structures.
- Safety practices for welding, cutting, and brazing operations.
- Special precautions concerned with exposure to ionizing radiation.
- Safety practices associated with electrical power distribution and transmission.

FINE ARTS AND HUMANITIES

Occupational instructional program categories within this cluster include:

- Visual Arts.
- Performing Arts.
- Writing.
- Architecture.
- Religion and Theology.
- Language and Linguistics.
- History and Museums.

This occupational cluster has received little attention in the area of safety and health. While many workers in the cluster are confined to office related activities, the visual and performing arts, are exposed to chemicals and processes which are potentially hazardous.

Specific safety and health concepts and skills needed by workers in this cluster include:

- Specific circumstances for and use of personal protective equipment.
- Proper procedures for handling and storing compressed air and gases.
- Identification of, handling, use, storage, and disposal of hazardous materials.
- Special precautions concerned with exposure to ionizing radiation.

HOME ECONOMICS-RELATED OCCUPATIONS

This cluster includes the following instructional program categories:

- Food Management.
- Home Furnishing and Equipment.
- Clothing Management.
- Institutional and Home Management.
- Care and Guidance of Children.
- Extension Services.

Cluster specific concepts, knowledge, and skills have been identified and are included in the following list:

The need for and process of proper sanitation and housekeeping.

Specific circumstances for and use of personal protective equipment.

- Identification of, handling, use, storage, and disposal of hazardous and toxic substances.
- The safe operation of commercial vehicles.

HEALTH

Several instructional program categories are identified for workers in the Health cluster, including:

- Mental Health Service.
- Medical and Biological Science Services.
- Dental Science Services.
- Hospital Services.
- Medical Emergency Services.
- Health Services Administration.
- Community Health Services.
- Pharmaceutical Services.
- Medical Support Services.

Some phases of training for workers in health-related occupations provide basic safety and health information when job responsibilities cause the employee to be exposed to recognized hazards. A more broad-based training is needed which includes safety and health information contained in the following concepts and skills:

- Safety standards that apply to administrative, merchandising, business, and office environments.
- Specific circumstances for and use of personal protective equipment.
- The safe operation of commercial vehicles.
- Identification of, handling, use, storage, and disposal of hazardous and toxic substances.
- Proper procedures for handling and storing compressed air and gases.
- Special precautions used when exposed to ionizing radiation.

HOSPITALITY AND RECREATION

As a cluster, workers are often directly or indirectly responsible for the safety and well-being of one or more people. Instructional program categories for this cluster include:

- Commercial and Non-Commercial Travel Bureau.
- Travel Agencies.
- Transportation.
- Public, Industrial, and Private Recreation.
- Recreation concerned with Natural Resources.

Those occupations directly or indirectly responsible for the personal safety and health of one or more people frequently provide some minimum safety training. In addition to the defined core modules, additional specific knowledge and skills should be obtained:

- Identification of the circumstances for and use of personal protective equipment.
- Special precautions used with handling, movement, and storage of toxic or hazardous materials.
- Proper procedures for use, handling, and storing compressed air and gases.
- Safety standards applicable to administrative, merchandising, business, and office environments.
- Safe operation of commercial vehicles.

MANUFACTURING

This is a broadly defined cluster, encompassing a large segment of the workforce. Various levels of training and experience are required to qualify for specific titles and levels of responsibility. Instructional program categories found within this cluster include:

- Management.
- Technicians.
- Craftsmen.
- Skilled Workers.

- Semi-Skilled Workers.
- Unskilled Laborers.

Many employees work on a daily basis with equipment and machinery and receive varying amounts of safety instructions. To ensure adequate training, these workers should have the prestated core safety and health instruction required for all clusters and also the following specific subjects:

- The need for and process of sanitation and housekeeping procedures.
- Safe, proper use and maintenance of hand and portable power tools.
- Safety standards that apply to administrative, merchandising, business, and office environments.
- Identification of circumstances for and use of personal protective equipment.
- Safe and proper use of powered industrial trucks and commercial vehicles.
- Identification of, handling, use, storage, and disposal of hazardous and toxic substances.
- Proper procedure for use, handling, and storing compressed air and gas.
- Hazards and precautions of working in confined areas.
- Safe and proper use of machinery and tools including guarding procedures.
- Safety practices for welding, cutting, and brazing operations.
- Special precautions concerned with exposure to ionizing radiation.

MARINE SCIENCE

Many employees in this cluster are exposed to a fundamentally unique environment. These water-related occupations can be grouped by their relationship to the following instructional program categories:

- Research.
- Mineral and Chemical Extraction.
- Off-Shore Drilling.
- Commercial Fishing.
- Aquaculture.
- Oceanographic Technology and Engineering.
- Surface and On-Shore Support.

General safety practices and procedures described in 29 CFR 1910 apply to this cluster; therefore, the previously stated core knowledge, skills, and concepts identified for all clusters remain applicable. Minimum Marine Science safety and health standards are stated in Part 1910, Subpart T, 29 CFR 1918, and the Coast Guard Regulations. Specific safety and health knowledge, skills, and concepts also include:

- Identification of the circumstances for and use of personal protective equipment.
- Special precautions used with handling, movement, and storage of toxic or hazardous materials.
- Unique regulations and safety procedures for marine and longshoring operations.
- Proper procedure for use, handling, and storing compressed air and gases.
- Safety practices for welding, cutting, and brazing operations.
- Hazards and precautions of working in confined spaces.
- Safe and proper use of machinery and tools including guarding procedures.
- Specific processes and procedures for demolition activities.
- Use and operation of powered industrial trucks.
- Safety practices for commercial diving operations.
- A summary of the Coast Guard Federal Safety Regulations.

MARKETING AND DISTRIBUTION

This cluster is concerned with the movement and selling of products. Employees are trained through the following instructional program categories:

- Marketing Management.
- Market Research and Analysis.
- Purchasing.
- Sales Promotion and Training.
- Selling.
- Physical Distribution.
- Related Business Services.

The following safety and health concepts, knowledge, and skills are considered important for employees of this cluster (list does not include those previously stated core modules required for all occupational clusters):

- Need for and process of proper sanitation and housekeeping procedures.
- Safe and proper use and maintenance of hand and portable power tools.
- Safety standards that apply to administrative, merchandising, business, and office environments.
- Identification of the circumstances for and use of personal protective equipment.
- The safe and proper operation of commercial vehicles and powered industrial trucks.
- Identification of, handling, use, storage, and disposal of hazardous and toxic substances.

NATURAL RESOURCES AND ENVIRONMENT

This cluster includes workers in the following instructional program categories:

- Support and Regulations.
- Research.

- Forestry.
- Land and Water Management.
- Fisheries and Wildlife.
- Mining and Quarrying.
- Petroleum and Related Products.
- Pollution Prevention and Control.
- Disease Prevention.
- Environmental Planning.
- Resource Control.

Some occupations in this cluster present workers with direct or indirect responsibility for the health and safety of the public. The previously stated core safety and health topics should be given to these students or workers and also the following specific subjects:

- Need for and process of proper sanitation and housekeeping procedures.
- Identification of circumstances for and use of personal protective equipment.
- Materials and personnel movement, including manual and mechanical devices.
- Identify and describe the OSHA standards that are unique for agriculture-related occupations.
- Safe and proper use of powered industrial trucks, off-road equipment, and commercial vehicles.
- Identification of, handling, use, storage, and disposal of hazardous and toxic substances.
- Special precautions used when exposed to ionizing radiation.
- Proper procedures for use, handling, and storing compressed air and gases.
- Hazards and precautions of working in confined spaces.
- Safe and proper use of machinery and tools, including guarding procedures.
- A summary of the Coast Guard Federal Safety Regulations.
- Unique requirements for concrete, concrete forms, and shoring procedures.

- Safety problems and procedures found in demolition activities.

PERSONAL SERVICES

A wide variety of occupations which perform services for their clients are represented by the following instructional program categories:

- Custodial Services.
- Lodging and Related Services.
- Barbering, Cosmetology, and Related Services.
- Dry Cleaning, Laundry, and Apparel Services.
- Stewards, Attendants, and Miscellaneous Personal Services.
- Domestic Animal Care.
- Food and Beverage Preparation and Service.

Workers in occupations that result from these programs are generally less trained, and safety and health instruction usually is ignored. Employees in this occupational cluster need the previously stated minimum core content and should receive the following additional subjects:

- Safe and proper use and maintenance of hand and portable power tools.
- Safety standards that apply to administrative, merchandising, business, and office environments.
- Identification of the circumstances for and use of personal protective equipment.
- Special precautions used with handling, movement, and storage of toxic or hazardous materials.
- The safe and proper operation of commercial vehicles.

PUBLIC SERVICE

Occupations in the Public Service cluster can be grouped into the following instructional program categories:

- Administration and Regulation.

- Urban Development.
- Protective Services.
- Postal Services.
- Public Utilities.
- Labor Affairs.
- Social Services, Rehabilitation, and Correction.

As a result of a perceived low level of need, little attention is currently given to safety and health instruction for workers in this cluster (with the possible exception of those involved with protective services).

Many of the jobs involve people-oriented tasks, frequently in office settings. Including those skills and knowledge previously identified as core and needed by all workers, the following additional safety and health subjects should be presented:

- The need for and process of proper sanitation and housekeeping.
- The safe and proper use of machinery and tools, including guarding procedures.
- Special precautions used with handling, movement, and storage of toxic or hazardous chemicals.
- Examples of circumstances for and use of personal protective equipment.
- The safe operating procedures of commercial vehicles.
- A summary of the Coast Guard Federal Safety Regulations.
- Safety standards that apply to administrative, merchandising, business, and office environments.

TRANSPORTATION

Workers in this cluster are directly or indirectly involved with the process of moving people and objects from place to place. The instructional program categories associated with this cluster include:

- Highway Transportation.

- Rail Transportation.
- Airborne Transportation.
- Pipeline Transportation.
- Water Transportation.

Those workers directly responsible for safety and health of people they are transporting frequently have a minimum training in the safe operation of the vehicle being used. Beyond the requirements needed for licensing, most employees frequently do not receive additional formal safety and health training. Besides the previously stated core requirements, the following concepts and skills should be available to workers or students in training for these occupations:

- The need for and process of proper sanitation and housekeeping procedures.
- Safe, proper use and maintenance of hand and portable power tools.
- Identification of circumstances for and use of personal protective equipment.
- Safe and proper use of powered industrial trucks, off-road equipment, and commercial vehicles.
- Identification of, handling, use, storage, and disposal of hazardous, explosive, and toxic substances.
- Safety standards that apply to administrative, merchandising, business, and office environments.
- Unique regulations and safety procedures for marine and longshoring operations.
- A summary of the Coast Guard Federal Safety Regulations.
- Proper procedures for use, handling, and storing compressed air and gas.

EXISTING PRINT AND NON-PRINT SAFETY AND HEALTH MATERIALS

A thorough and meticulous search of existing safety and health instructional information was conducted, including on-site inspections and consultation with major information-producing organizations and groups. Those visits included:

- National Safety Council.
- National Institute for Occupational Safety and Health.
- Occupational Safety and Health Administration.

Each of these three organizations was very cooperative and donated individual time and materials pertinent to this project and are subsequently cited in this report.

Other organizations acting as information storage and/or retrieval groups were queried. One of these was the National Network of Curriculum Coordination in Vocational and Technical Education (NNCCVTE). The Midwest Center in Stillwater, Oklahoma, was used as a contact point. Each of the five centers in NNCCVTE cooperates with information requests sent from any of the other centers. The centers in turn forward information requests to the states served by that center. One inquiry to any center then results in an effective search of all participating states. The specific results from the five centers are found in Appendix B.

Another source used was the Coordinating Information for Texas Educators (CITE) Resource Center in Austin, Texas. CITE conducted a search of the Education Resources Information Center (ERIC) files. Fifty-one listings were identified, matched with existing bibliographic entries, and new items added to the resource list. The National Center for Research in Vocational Education at Ohio State University was also contacted, but no materials were received as a result of their search.

Safety and health instructional materials were found in various forms, from display items to well constructed instructional modules. For cataloging purposes, these materials have been divided into categories, print and non-print. Each of these can be more thoroughly described by additionally defining types within the categories.

PRINT MATERIALS

The classification of print materials is as follows:

Posters — Usually a wall-mounted document providing information concerning a specific topic (also includes charts).

Leaflets— One-page, printed information usually addressing a single topic or concept (includes fliers).

Pamphlets—Includes unbound pieces of literature, usually no cover or with a paper cover (includes booklets) and in most cases less than 100 pages.

Books — Includes both soft and hard bound types; usually with a specified author, frequently exceeding 100 pages and printed by a commercial publisher.

Catalogs— Sources of materials available from private producers.

Others — Includes unique items such as ERIC printouts and newsletters.

Approximately 50% of the print materials identified are related to all 15 occupational clusters. The remaining 50% were relevant to one or more, but less than all the clusters. Figure 1 illustrates the number of relevant print materials associated with each occupational cluster.

Three clusters (Construction, Manufacturing, and Agriculture) have obviously received the most attention by the developers of printed material. Pamphlets dominate the printed material format with approximately six times as many items available as the next nearest classification, that of books. Most pamphlets are designed to address a single topic or concept, often from a "how to" approach. While containing accurate content, they do not lend themselves to direct singular use in an instructional setting. Their most common use is that of a supplement to other instructional strategies. Unless they are utilized in a timely manner in the instructional process, they lose their effectiveness. Authors of safety and health modules for this project will be encouraged to suggest the timing for and use of these and other existing materials during the modules they create.

A complete list and descriptions of the printed materials are found as part of Appendix C.

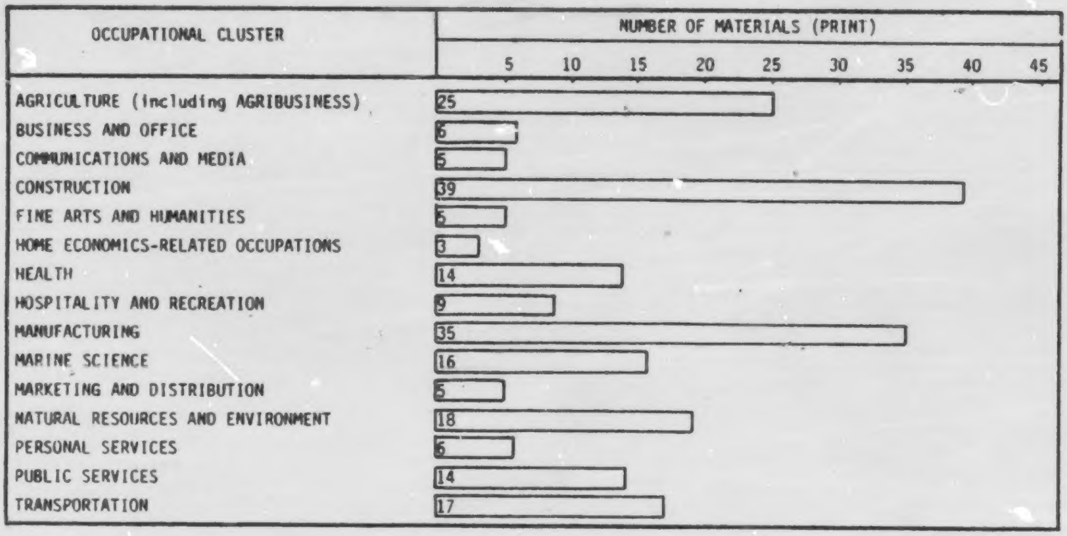

Figure 1. Print materials associated with one or more, but less than all, of the 15 occupational clusters.

NON-PRINT MATERIALS

The other category of existing materials is in the non-print form. Classifications in the non-print format include:

Slide or Filmstrip/Tape — These materials have sequenced visuals and accompanying audio tapes. Some have printed learning materials complementing the presentation.

16 mm Films —	The greatest number of non-print material exists in the 16 mm format. Most have associated sound tracks and many are in color.
Video Cassettes —	Video equipment is more expensive to purchase and maintain but has the advantage of simplicity of use and multiple monitors for remote site viewing. It is also a common medium to which users can relate.

Approximately 30% of the non-print material is applicable to all 15 occupational clusters. The other 70% relate to one or more, but less than all of the 15 clusters. Figure 2 indicates the number of non-print references per occupational cluster.

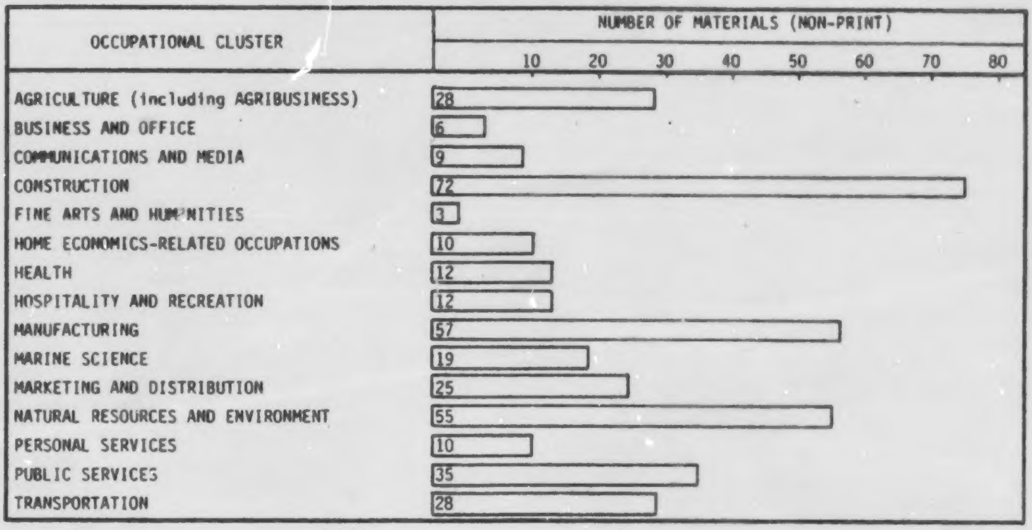

Figure 2. Non-print material associated with one or more, but less than all, of the 15 occupational clusters.

A complete list and descriptions of materials classified as non-print can be found as part of Appendix C.

The 16 mm film is the most common type of non-print material for safety and health available for classroom use. Some commercial producers, however, have begun to make the same content available in a video cassette format, which is becoming more popular with industrial training programs. The International Film Bureau[1] has gone one step further and translated many of its materials into one or more languages, including Spanish, French, German, and Swedish.

Of the identified materials in the non-print format, only five contain specified objectives and study questions similar to the type proposed for development in this project. The five units were developed with guidance from the Occupational Safety and Health Administration (OSHA) and constitute modules suitable for direct adaptation to this project. The specific module titles include:

- Ladders.
- Trenching.
- Ventilation.
- Walking and Working Surfaces.
- Scaffolds.

No other materials identified contain specific instructional objectives and present information in a modular format.

As seen in both print and non-print categories, Construction and Manufacturing dominated the specific clusters referenced in existing materials. Those occupational clusters most neglected in one category, similarly were neglected in the other. While some occupational clusters obviously have fewer potential hazards for employees, all should be given basic safety and health instruction. Specific print and non-print material that has been determined suitable for each cluster has been identified and is found in Appendix C.

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[1] See Appendix C, page 7-5, for the address.

PROJECT TASKS C AND D TO BE USED TO RESOLVE TASK E

The project Task C Report established the safety and health information needed by employees and employers. Following the sequence set forth in the contract, Task D was to examine the state of the art for existing safety and health materials. Project Task E employs the results of Task C (needed information) and the existence of the available information (Task D) to determine the content of the instructional modules to be revised and/or developed. The format and content of project Task D will be used to resolve future tasks exemplified by project Task L, which calls for the development of 17 resource guides, one for each of the 15 occupational clusters and one each for those students with limited English proficiency, and handicapped. Appendix C of this report also can be used to aid in the completion of future tasks and lends itself to multiple user needs.

Individuals using Appendix C will find it convenient from these vantage points:

- An initial statement of format indicates any special equipment needed to use the material, such as the 16 mm films.
- In times of limited budgets, information as to availability of the material will be extremely useful (free-loan or purchase).
- The complete address is available for ease of requesting selected materials.
- The provided content summary describes the material in enough detail to evaluate its usability for the specific instructional setting needed.
- Separate materials lists for each occupational cluster speed the selection process by individuals teaching instructional programs within that cluster.

Using accepted current educational materials standards that mandate the use of performance-based objectives, only five items were found to be suitable for conversion to modules useful in this project. The specific content of those modules to be developed and those to be revised will be described in the project Task E Report.

SUMMARY AND CONCLUSIONS

The state-of-the-art report (Task D) identified specific safety and health concepts, knowledge and skills for each of the 15 occupational clusters. Existing safety and health materials have been gathered, reviewed and classified by three separate approaches. One approach related each item reviewed to one or more of the 15 occupational clusters. The results of this approach are found in section two of Appendix C. A second classification of the reviewed materials was done by separating the items into categories of either print material, non-print material or catalogs. These three categories are found in sections four, five and six of Appendix C. The third approach classified items as to their suitability for the proposed modules. Each item in the print and non-print categories was assigned a relevance to one or more of the proposed modules. The last entry in each of the descriptions of the print and non-print materials (sections four and five) contains module relevance information.

Assistance in gathering materials was provided by the National Network for Curriculum Coordination in Vocational and Technical Education (NNCCVTE) and Education Resource Information Center (ERIC), both having well established and extensive search procedures. The most prevalent format discovered in the search for existing materials was the 16 mm film, available on a loan or purchase basis from private industry or private and public agencies. Second most abundant classification of materials is single-concept pamphlets addressing one safety or health topic, often using the "how to" approach.

Materials gathered suggested that high-hazard occupational clusters such as Manufacturing and Construction have received considerable attention by the developers of safety and health informational materials. Occupational clusters such as Business and Office and Home Economics-Related Occupations are perceived as including low-hazard occupations and have received less attention from developers of safety and health related materials.

While the quantity of materials for high-hazard occupations is greater than that available for other occupations, few materials lend themselves to direct infusion into instructional programs. Many of these materials are rigid in format and content and have become obsolete as a result of changing OSHA regulations and technological advances.

This fact represents evidence of a need for an organized, methodical approach, (such as the one designed for this project) to provide useful instructional material for secondary, postsecondary and adult education. Further evidence includes the fact that no materials, similar to that proposed for development by this project, exist. By using the modular approach with stated behavioral objectives, increased flexibility, adaptation and ease of updating will be assured.

In addition to the modules created other documents produced in this project, such as resource guides and special reports, will be useful to instructors. One example is this Task D Report, which could be used by beginning instructors to ensure the adequacy of breadth and depth of safety and health instruction for students involved in various occupational clusters. Appendix C will be particularly useful as a bibliographic reference tool for both inexperienced and experienced instructors.

To be appropriate, safety and health instructional materials should be as occupation specific as possible. Over 20,000 occupational titles have been identified for which many modules could be created for workers in each specific occupation. The statement of work of this project, however, limits the number of new modules created to 50. Of these, 35 were assumed to be available for modification, which would bring them into conformance with project requirements. The remaining 15 were to be designed and developed.

Since it would be impossible to satisfy, within a 50 module limit, the safety and health needs of all potential users, a unique project design will be implemented. The design is based on the concept that when instructional materials are developed in a modular format they provide maximum flexibility. Modules can be added, updated or even deleted as resources and time permits without altering the utility of the remaining materials.

Project requirements specified that materials developed must consist of student oriented instructional modules with performance-based* objectives. The module production process was separated into two phases. One phase was the modification of existing materials (Task G). It was assumed that 35 units existed that could be modified. As a result of the state-of-the-art search, two modules will result from direct modification of existing materials. A reduction in project effort will correspondingly occur as a result of producing two project modules from existing material instead of 35 as predicted.

The second phase (Task F) involves the development of modules to meet project requirements. Only 15 were assumed to require total development prior to the state-of-the-art search. Since only two modules will result from the modification process, 48 will be totally developed representing a significant increase in project effort for this phase of the project.

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*Performance-based is a type of material that contains stated behavioral objectives that specify what the student should be able to do (perform) after completing the instructional package.

APPENDIX A

SAFETY AND HEALTH CONCEPTS, KNOWLEDGE, AND SKILLS NEEDED BY EMPLOYEES AND EMPLOYERS

SAFETY AND HEALTH CONCEPTS, KNOWLEDGE, AND SKILLS NEEDED BY EMPLOYEES AND EMPLOYERS

1. The OSH Act of 1970 - Its function, aims and objectives.
2. Employers and Employee rights and responsibilities for safety and health.
3. Health standards required to be enforced in the workplace.
4. Safety standards (that apply to) administrative, merchandising, business and office environments.
5. Personal protective equipment, when and how to use them and methods of selecting the correct type.
6. The Life Safety Code and its application.
7. Industrial housekeeping standards.
8. Medical and first aid requirements.
9. Industrial sanitation and personal facilities.
10. Environment control procedures.
11. Walking-working surfaces.
12. Safety color codes used in the workplace.
13. Ropes, chains and slings.
14. Unique standards for farm, ranch and agriculture industries.
15. Material hoists (fixed and mobile), overhead cranes and their attachments.
16. Mechanized off-road equipment, including rollover bars and overhead structures.
17. Operating commercial vehicles.
18. Hand and portable power tools, including control, inspection, maintenance and repair.
19. Material handling equipment (manual and mechanized), including selection of accessories.
20. Use, storage, transportation and security of blasting and explosive materials.
21. Marine and longshoring operations.
22. Ladders and scaffoldings.
23. Mobile and fixed mechanical storage and retrieval equipment for warehouses.

24. Machine tools and woodworking machinery.
25. Hoisting apparatus (stationary and mobile), elevators (material and personnel) and conveyors.
26. Compressed gases and compressed air equipment, use, handling, and storage.
27. Industrial and train-elevator dust hazards.
28. Fire protection safety procedures.
29. Toxic and hazardous substances.
30. Electrical safety standards.
31. Welding, cutting, and brazing operations in the industrial workplace.
32. Handling, using, or storing hazardous and flammable materials.
33. Use of ground-fault protection.
34. Working in confined spaces.
35. Vibration and noise control abatement procedures.
36. Machinery and machine guarding.
37. Workers' compensation laws.
38. Storage and disposal of hazardous materials and waste.
39. Ionizing and non-ionizing radiation.
40. Floor, wall openings and stairways.
41. Concrete, concrete forms, and shoring.
42. Excavating, trenching, and shoring.
43. Steel erection.
44. Electrical power transmission and distribution.
45. Demolition procedures.
46. Powered industrial trucks.
47. Commercial diving operation.
48. Local exhaust, dust collecting, and ventilation systems.
49. General environmental controls.
50. Coast Guard Federal Safety Regulations.

APPENDIX B

SAFETY AND HEALTH MATERIALS RECEIVED FROM NNCCVTE SEARCH

SAFETY AND HEALTH MATERIALS RECEIVED FROM NNCCVTE SEARCH

Northeast CMC

Southeast CMC

Safety Standards Plan, Middlesex County Vocational and Technical High Schools.

Developing Shop Safety Skills, American Association for Vocational Instructional Materials, Engineering Center, Athens, GA 30602.

Construction Safety by John L. Gander. Kansas Curriculum Materials Dissemination Center, Pittsburg State University, Pittsburg, KS 66762.

Safety in Trade and Industrial and Technical Education.

East Central CMC

Industrial Safety Education for Small Industries.

Occupational Work Experience - Safety '76.

Occupational Safety and Health Act Handbook for Vo-Tech Teachers.

Health Care Safety Basic Library NFPA '79.

Safety Standards Plan. NJ '78.

Safety and Health Guide for Voc Educators. PA '77.

Safety Compliance Manual - IN '76.

Guide for Safety Instruction in the Industrial Education Program. IN '76.

Accident Prevention Manual for Shop Teachers.

A Safety and Health Guide for Vocational Educators.

Midwest CMC

Safety Awareness Handbook. C. Smiley Ebert.

Safety Handbook for ICT. '78.

Safety Program Development Guide for Vo-Tech Programs.

Accident Facts.

Shop Safety: A Self-Instructional Course.

Safety Manual for Cooperative Industrial Education.

An Accident Prevention Program.

Safety Standards Plan.

Firefighter Occupational Safety.

Manual for Accident Prevention in Construction.

Guide for Voluntary Compliance with OSHA.

Western CMC

Safety and Health Program. Central Oahu District, State of Hawaii, Department of Education.

APPENDIX C

EXISTING PRINT AND NON-PRINT SAFETY AND HEALTH MATERIALS

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Section 1

HOW TO USE APPENDIX C

HOW TO USE APPENDIX C

Appendix C is a reference catalog for training personnel and planners. It provides use and availability information about instructional materials, references, and training aids for modules listed in the 15 occupational clusters. Appendix C consists of seven sections.

Following this introductory section are two indexes. Section 2 (the first index) lists all of the materials included by relevant occupational clusters. This index is further divided into printed material, nonprint materials, and catalogs to further assist the user in finding a format or material to fit his/her particular needs. Section 3 is the title index which lists alphabetically all print, nonprint, and catalog materials. In both of these indexes, the user is referred to the detailed description of the material found in Sections 4, 5 or 6 for further information on content and source.

The materials description sections (4, 5 and 6) comprise the bulk of this appendix. These sections group materials with the same format as follows:

- Section 4 — Printed Materials — This category contains textbooks, reference books, articles, reports, pamphlets, and posters.
- Section 5 — Nonprint Materials — This category contains films, filmstrips, slides, tapes and cassettes, multimedia presentations, and video-tapes.
- Section 6 — Catalogs — This section includes catalogs of protective equipment, educational aids, and safety-oriented materials.

For each item, the following information is given:

- Title — the name of material or course.
- Format — describes the type of material (book, film, etc.) and gives the length.
- Source — name of company or organization which produces or distributes the material.

- Terms — sale, rent, loan, free, etc. No prices are given as they are subject to change.
- Description — identifies the major topics covered by the material.
- Cluster Relevance — identifies the occupational cluster or clusters where the material is relevant.
- Module Suitability — gives the specific subject areas where the material is applicable. (The areas are taken from the list of 12 core subjects and 38 specific subject modules.)

The remaining section — Section 7 — gives the address for each source.

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Section 2

CLUSTER INDEXES

CLUSTER INDEX

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Section 3

PRINTED MATERIALS

THE ABC's OF FIRE PROTECTION

FORMAT: Chart

AVAILABILITY: Free

SOURCE: Walter Kidde & Company

DESCRIPTION: This chart provides graphical information as to classifications of extinguishing agents, classes of fires and specifications of extinguishers.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the Fire Protection module.

ACCIDENT FACTS

FORMAT: Pamphlet, 97 pages, 1979

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This pamphlet is a detailed analysis of accidents and is designed as a tool for providing information by which safety may be advanced. The major topics include all accidents, work accidents, motor-vehicle, public, home, farm, and school accidents. Definitions are also included.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the Safety Standards module.

ACCIDENT INVESTIGATION

FORMAT: Pamphlet, 15 pages, 1971

AVAILABILITY: Sale

SOURCE: International Safety Academy

DESCRIPTION: This pamphlet discusses techniques of accident investigation as a tool for accident prevention. Major topics discusssed are: purpose of accident investigation, why accidents must be investigated, how accident investigations benefit supervisors, the critical importance of accident reporting, the what, when and why of accident investigation, conducting the accident investigation, re-inactment of accidents, completing accident investigation reports, filling out form - why it's important, and higher management and accident investigations.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement in the module on safety standards.

AN ACCIDENT PREVENTION PROGRAM FOR INDUSTRIAL ARTS AND VOCATIONAL EDUCATION

FORMAT: Book, 107 pages, 1978

AVAILABILITY: Sale

SOURCE: Tulsa, Oklahoma, Public Schools

DESCRIPTION: The purpose of this guide is to assist instructors and administrators in their efforts to prevent accidents and injuries in school shops and laboratories. This guide includes the following sections: general safety requirements; program of safety instruction; and safety instructions for operation of equipment.

CLUSTER RELEVANCE: This material may be used as a supplement in the Construction cluster.

MODULE SUITABILITY: This may be used as a supplement in the modules on safety color codes; hand and portable power tools; and fire protection.

AN ACCIDENT PREVENTION PROGRAM FOR SCHOOL SHOPS AND LABORATORIES

AUTHOR: William A. Williams, Ph.D.

FORMAT: Book, 245 pages

AVAILABILITY: Sale

SOURCE: National Safety Council

DESCRIPTION: This guide outlines a comprehensive program of school shop and laboratory safety education. Major topics include: organizing for safety prevention; administering the accident prevention program; implementing the accident prevention program; education and training for accident prevention.

CLUSTER RELEVANCE: This material may be used as a reference in the Construction cluster.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

ACTUS ENVIRONMENTAL SERVICES, INC.

FORMAT: Poster

AVAILABILITY: Free

SOURCE: Actus Environmental Services, Inc.

DESCRIPTION: This is a chart of contaminants and their reactions in body fluids and tissues.

CLUSTER RELEVANCE: This material may be used as a reference in the Health cluster.

MODULE SUITABILITY: This material is suitable for reference in the module on medical and first aid.

ADMINISTRATIVE GUIDELINES FOR INDUSTRIAL EDUCATION

FORMAT:	Book, 154 pages, 1976
AVAILABILITY:	Sale
SOURCE:	Utah State Board of Education
DESCRIPTION:	This guide is concerned with administrative management type policies, procedures and information for industrial education teachers. Major topics include: problems confronting schools; discipline; management; getting started planning; operating the shop or lab - organizing; end of year responsibilities.

CLUSTER RELEVANCE: This material may be used as a reference in the Marketing and Distribution, Business and Office, and Manufacturing clusters.

MODULE SUITABILITY: This material is suitable for references in the modules on employer and employee rights and responsibilities, and safety standards.

ALL ABOUT OSHA

FORMAT: Pamphlet, 34 pages, 1976 revision

AVAILABILITY: Single copy, free OSHA

SOURCE: USGPO 1976-201-449

DESCRIPTION: This pamphlet covers the general outline of OSHA. The major topics include: OSHA's purpose, the Act's coverage, standards, recordkeeping and reporting, keeing employees informed, workplace inspection, citations and penalties, appeals process, employer and employee responsibilities and rights.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement in the module on Occupational Safety and Health Act.

ART HAZARDS PROJECT

FORMAT: Newsletter

AVAILABILITY: Subscription

SOURCE: Center for Occupational Hazards, Inc.

DESCRIPTION: These newsletters are primarily concerned with occupational health hazards of chemicals - particularly those found in arts and crafts materials. Also synopsized are new books and articles available in the field.

CLUSTER RELEVANCE: This material may be used as a reference source in the Fine Arts and Humanities cluster.

MODULE SUITABILITY: This material may be used as a reference in the module on toxic and hazardous substances.

ASSESSMENT OF HEAT STRESS

FORMAT: Pamphlet, 12 pages, 1967

AVAILABILITY: Reprint

SOURCE: Reinhold Publishing Company

DESCRIPTION: This document is concerned with development of rationale scales against which to measure heat stress on individuals exposed to different combinations of thermal environments (radiant and air temperatures, air motion and humidity).

CLUSTER RELEVANCE: This material may be used as a reference in the Health cluster.

MODULE SUITABILITY: This material may be used as a reference in the module concerning medical and first aid.

BILSOM SIGN LANGUAGE POSTER

FORMAT: Poster

AVAILABILITY: Free

SOURCE: Bilsom International, Inc.

DESCRIPTION: This poster shows sign language to the following statement: If you work in a noisy place without using hearing protection you might sooner or later have to learn sign language.

CLUSTER RELEVANCE: This material may be used as a reference in the following clusters: Agriculture, Communication & Media, Personal Services, Transportation, Marine Science, Manufacturing, Construction, and Public Service.

MODULE SUITABILITY: This may be used as a reference in the module on vibration and noise control abatement procedures.

CARBON MONOXIDE (JOB HEALTH HAZARD SERIES)

FORMAT: Pamphlet, 4 pages, 1975

AVAILABILITY: Single copy, free - OSHA #2224

SOURCE: USGPO-1977-0-228-819

DESCRIPTION: This pamphlet contains general information giving an overview of the dangers of carbon monoxide and the OSHA standards that apply to workplaces where carbon monoxide is present. Topics include: endangered workers, what it can do to you, prevention, personal protective measures, and federal standards.

CLUSTER RELEVANCE: This material may be used as a reference source in the following clusters: Agriculture, Public Services, Health, Home Economics Related Occupations, Business and Office, Personal Services, Marketing and Distribution, Marine Science, Hospitality and Recreation, Natural Resources and Environment, Construction, Transportation and Manufacturing.

MODULE SUITABILITY: This may be used as referenced in modules on: environmental control procedures, operating commercial vehicles, marine and longshoring operations, toxic and hazardous substances, working in confined spaces, machinery and machine guarding, and local exhaust, dust collecting and ventilation systems.

CAREERS: OCCUPATIONAL SAFETY AND HEALTH

FORMAT:	Poster
AVAILABILITY:	Free
SOURCE:	National Institute of Occupational Safety and Health
DESCRIPTION:	This poster provides information concerning duties, recommended educational requirements, professional development, field of study requirements, beginning salary, and workplace for five specific occupational safety and health careers.
CLUSTER RELEVANCE:	This material may be used in the Public Service cluster.
MODULE SUITABILITY:	This material may be used as a reference in the module on occupational safety and health.

CAUTION: ASBESTOS DUST...

FORMAT:	Pamphlet, 15 pages, 1973
AVAILABILITY:	Free
SOURCE:	National Institute of Occupational Safety & Health
DESCRIPTION:	This pamphlet discusses the characteristics, uses and hazards of asbestos. Topics include: what is asbestos, how is asbestos used, how can asbestos be a health hazard, asbestos-related diseases, asbestos pollution affects everyone, how exposure can be controlled, safety on the job is everybody's business, and so what.

CLUSTER RELEVANCE: This material may be used in the following clusters: Construction, Agriculture, Transportation, Health, and Manufacturing.

MODULE SUITABILITY: This material may be used as a reference in the modules on: toxic and hazardous substances, fire protection, and handling, using, or storing hazardous and flammable materials.

CHEMICAL SAFETY SLIDE RULE

FORMAT: Slide Rule, 1967

AVAILABILITY: Sale

SOURCE: National Safety Council

DESCRIPTION: This safety slide rule summarizes the health and fire hazards of common industrial chemicals and mixtures. It also describes precautions to take, first aid, and physical effects.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: May be used as a reference in modules on: industrial housekeeping; medical and first aid; industrial sanitation; materials handling; fire protection; environmental controls; use, storage, transportation and security of blasting and explosive materials; marine and longshoring operations; toxic and hazardous substances; handling, using, or storing hazardous and flammable materials; storage and disposal of hazardous materials and wastes; and local exhaust, dust collecting, and ventilation systems.

COMMENTING ON OSHA STANDARDS

FORMAT:	Pamphlet, 6 pages, 1976
AVAILABILITY:	USGPO - 1976-200-570
SOURCE:	OSHA
DESCRIPTION:	This pamphlet is to be used as a guide to persons or organizations wishing to comment on OSHA standards. It tells when to send comments, where to send them, and why they can make a difference in OSHA's standards. Topics include: commenting on OSHA standards, exceptions allowed, to obtain a variance, to develop a standard, for earliest comments, what happens at hearings, and for large and small alike.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: May be used as a reference in modules on occupational safety and health act, and employer and employee rights and responsibilities.

CONSTRUCTION INDUSTRY

FORMAT: Pamphlet, 44 pages, 1975

AVAILABILITY: USGPO-029-016-00028-3

SOURCE: OSHA

DESCRIPTION: This pamphlet is a digest of basic applicable standards to be used in the construction industry. It also includes a standards source section keyed to the numerical designations for each of the standards listed.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety and Health Act; health standards required to be enforced in the workplace; employer and employee rights and responsibilities; and personal protective equipment.

DEVELOPING SHOP SAFETY SKILLS

FORMAT: Booklet, 84 pages, 1979

AVAILABILITY: Sale

SOURCE: American Association for Vocational Instructional Materials

DESCRIPTION: The general objectives of this material are threefold:

1. To serve as a basic reference and text in schools which provide programs of instruction in the safe use of tools, machines and equipment.

2. To serve those occupations in industry with a source of basic information in shop safety, to complement the ongoing safety programs or to assist in the organization and establishment of safety programs to meet current government requirements.

3. To provide a reference for persons who desire to become skilled in the safe use of tools and equipment.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Personal Services, Transportation, Natural Resources and Environment, Marine Science, Manufacturing, and Construction.

MODULE SUITABILITY: This material may be used as a reference or supplement in the modules on: Life Safety Code, industrial housekeeping, safety color codes, hand and portable power tools, health standards, personal protective equipment, machine tools and woodworking machinery, and machinery and machine guarding.

DEVELOPMENT OF A CERTIFICATION PROCEDURE FOR CONSTRUCTION INDUSTRY SUPERVISORS

AUTHORS: Lance W. Seberhagen, Milton R. Goldsant, Dennis E. Reed

FORMAT: Book, 200 pages, 1976

AVAILABILITY: NTIS PB#263-874

SOURCE: PRC Systems Sciences Co.

DESCRIPTION: This book is a report prepared for OSHA. It discusses the responsibilities of construction foremen, and first-line supervisors and the effectiveness with which they perform their responsibilities. Methods of improving responsibilities are suggested.

CLUSTER RELEVANCE: This material may be used as a supplement in the Construction cluster.

MODULE SUITABILITY: This material may be used in the modules on: employer and employee rights and responsibilities, medical and first aid, materials handling, environment controls, health standards, personal protective equipment.

DIRECTORY OF ACADEMIC PROGRAMS IN OCCUPATIONAL SAFETY AND HEALTH

AUTHORS: William J. Weiss, III; Thomas C. Purcell, Ph.D.; Mathew H. Street; and Peter A. Kendrick

FORMAT: Other - Director, 116 pages, 1979

AVAILABILITY: USGPO: 1979-657-061/1905

SOURCE: NIOSH

DESCRIPTION: This book is to help students, educators, guidance counselors, professional societies, employers and employees who need basic information concerning various academic programs being offered in the field of occupational safety and health.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used to obtain sources for any module.

EAR ANATOMY AND EFFECTS OF NOISE ON MAN

AUTHOR: Edward R. Hermann, Ph.D.

FORMAT: Pamphlet, 16 pages, 1969

AVAILABILITY: Sale

SOURCE: Reprint from National Safety News

DESCRIPTION: This pamphlet discusses the fundamentals of developing an industrial hearing conservation program, discusses the anatomy and physiology of the ear, and shows the effects of noise on the auditory mechanism, behavior, communication, and hearing. Topics include: anatomy of the ear, transmission of sound in the inner ear, effects of noise on man, noise induced hearing loss, and effects of noise on behavior.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculature, Public Services, Communication & Media, Home Economics Related Occupations, Fine Arts and Humanities, Business and Office, Marine Science, Hospitality and Recreation, Natural Resources and Environment, Construction, Transportation and Manufacturing.

MODULE SUITABILITY: May be used as reference source in modules on vibration and noise control abatement procedures.

EMPLOYMENT SAFETY AND HEALTH GUIDE

FORMAT: Pamphlet, 26 pages, 1978

AVAILABILITY: Commerce Clearing House, Inc, published weekly

SOURCE: OSHA

DESCRIPTION: This is a reproduction of rulings from Occupational Safety and Health Administration.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: May be used as reference material in modules on: Occupational Safety and Health Act; employer and employee rights and responsibilities; health standards to be enforced in the workplace; safety standards (that apply to) administrative, merchandising, business and office environments; and Coast Guard Federal Safety Regulations.

EMPLOYMENT SAFETY AND HEALTH - INDUSTRY CHECKLIST

FORMAT: Pamphlet, 26 pages, 1973

AVAILABILITY: Commerce Clearing House, Inc.

SOURCE: OSHA

DESCRIPTION: This pamphlet lists OSHA standards, 29CFR1910, broken down into six major categories and their location in the Employment Safety & Health Guide by CCH paragraph number. Categories include: workplace standards, machines and equipment standards; materials standards; employee standards; power source standards; and process standards.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: May be used as a reference source for modules on: Occupational Safety and Health Act; employer and employee rights and responsibilities; machines and machinery guarding; electrical safety; electrical power transmission and distribution; and environmental control procedures.

ESSENTIALS OF MACHINE GUARDING

FORMAT: pamphlet, 20 pages

AVAILABILITY: USGPO 1979-0-624-119/966 Region 3-1

SOURCE: OSHA

DESCRIPTION: This pamphlet is a description of the machine guarding standards issued by OSHA and of the save work practices required.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Public Service, Marketing and Distribution, Construction, Transportation, and Manufacturing.

MODULE SUITABILITY: This material may be used as a reference in the module on machinery and machine guarding.

ESSENTIALS OF MATERIALS HANDLING

FORMAT: Pamphlet, 22 pagers, 1978

AVAILABILITY: USGPO 1979-0-287-182

SOURCE: OSHA

DESCRIPTION: This pamphlet presents a summary of the basic safety procedures necessary in materials handling based on OSHA regulations.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: May be used as reference in modules on: materials handling; material hoists (fixed or mobile) overhead cranes and their attachments; use, storage, transportation and security of blasting and explosive materials; handling, using, or storing hazardous and flammable materials; and storage and disposal of hazardous materials and wastes.

EVALUATING YOUR FIRM'S INJURY AND ILLNESS RECORD

FORMAT:	Pamphlet, 8 pages, 1979
AVAILABILITY:	Bureau of Labor Statistics, Reprt 557
SOURCE:	Office of OSH Statistics
DESCRIPTION:	This pamphlet discusses the incidence rates of injury and illness. It explains how to calculate the rate and how to evaluate the rate. Included is a table listing average incidence rates for various occupations.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: May be used as a reference in modules of employer and employee rights and responsibilities and medical and first aid.

EXCAVATING AND TRENCHING OPERATIONS

FORMAT: Pamphlet, 28 pages, 1975

AVAILABILITY: DOL - OSHA #2226

SOURCE: OSHA

DESCRIPTION: This booklet is to be used as a guide for those responsible for developing and maintaining an accident prevention program for excavating, trenching and backfilling operations. The booklet also contains applicable OSHA regulations.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Natural Resources & Environment, and Construction.

MODULE SUITABILITY: This material may be used as a reference in the modules on use of ground fault protection, and excavating, trenching and shoring.

FACILITY INSPECTION

FORMAT:	Pamphlet, 15 pages, 1971
AVAILABILITY:	Sale
SOURCE:	International Safety Academy
DESCRIPTION:	This booklet discusses the need for combining a formal safety inspection with normal, everyday, informal inspections. It explains how to carry out an effective formal inspection.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on: life safety code; industrial housekeeping; fire protection; electrical safety; health standards required to be enforced in the workplace; and safety standards (that apply to) administrative, merchandising, business and office environments.

FACT SHEET ON THE OCCUPATIONAL SAFETY & HEALTH ACT OF 1970

FORMAT: Leaflet, flier, 1974

AVAILABILITY: Free - DOL-OSHA #2220

SOURCE: OSHA

DESCRIPTION: This leaflet is a fact sheet on the Occupational Safety and Health Act of 1970. Topics include: standards, enforcement, state plans and coverage.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on Occupational Safety and Health Act.

A FEW SOUND WORDS ABOUT HEARING PRACTICES

FORMAT: Pamphlet, 8 pages

AVAILABILITY: Free

SOURCE: Vought Corporation Systems Division (LTV)

DESCRIPTION: This booklet provides supplementary information to assist you in a better understanding of the Vought Hearing Conservation Program.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This may be used as a reference in the modules on: Occupational Safety and Health Act; employer and employee rights and responsibilities; workers' compensation laws; health standards required to be enforced in the workplace; safety standards (that apply to) administrative, merchandising, business and office environments; personal protective equipment, when and how to use them and the methods of selecting the correct type; mechanized off-road equipment, including rollover bars and overhead structures; operating commercial vehicles; use, storage, transportation and security of blasting and explosive materials; marine and longshoring operations; machine tools and woodworking machinery; Welding, cutting, and brazing operations; vibration and noise control abatement procedures; demolition procedures.

FIBERGLASS LAYUP AND SPRAYUP

FORMAT: Pamphlet, 32 pages, 1976

AVAILABILITY: Single copy, free (NIOSH) #76-158

SOURCE: NIOSH

DESCRIPTION: This booklet identifies common problems and suggest work practices you can follow to stay safe, healthy, and on the job in the fiberglass reinforced plastics layup and sprayup industry. Defines terms and gives information about materials worked with and good practices in handling them.

CLUSTER RELEVANCE: This material may be used as a reference in the following clusters: Manufacturing, Construction, Transportation; Marine Science, Hospitality and Recreation; Public Services, and Agriculture.

MODULE SUITABILITY: This may be used as reference source in the modules on: Occupational Safety and Health Act, life safety code, industrial housekeeping, materials handling, health standards required to be enforced in the workplace, safety standards, personal protective equipment, ladders and scaffolding, toxic and hazardous substances, and machinery and machine guarding.

FIREFIGHTERS

AUTHOR: Ralph Wirf

FORMAT: Pamphlet, 18 pages, 1978

AVAILABILITY: Free - US DOL - OSHA

SOURCE: OSHA

DESCRIPTION: This is an article discussing hazards to firefighting and describing safety gear, safety precautions and research being done on new safety procedures and equipment.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the following modules on: fire protection; use, storage, transportation and security of blasting and explosive materials; welding, cutting, and brazing operations in the industrial workplace; handling, using or storing hazardous and flammable materials.

A FIVE-YEAR PROGRAM TO STIMULATE SAFETY TRAINING AND ACTION IN VOCATIONAL EDUCATION

FORMAT: Proposal, 74 pages, 1979

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This is a proposal from National Safety Council to launch a five-year program in conjunction with American Vocational Association. The program would establish teacher-student safety training programs, create safety awareness among youth, prepare bibliography of safety materials, and generate cooperation in and support from management, labor, federal and state government officials.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the following modules: Occupational Safety and Health Act; employer and employee rights and responsibilities; medical and first aid; safety color codes; health standards required to be enforced in the workplace; safety standards; and personal protective equipment.

A FOREMAN'S GUIDE TO THE OCCUPATIONAL SAFETY AND HEALTH ACT

FORMAT: Pamphlet, 21 pages, 1973

AVAILABILITY: sale

SOURCE: Texas Manufacturers Association

DESCRIPTION: This booklet is to assist foremen and supervisors of machinery group plants to initiate compliance with safety and health standards now in effect under OSH law.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This may be used in the following modules on: Occupational Safety and Health Act; health standards to be enforced in the workplace; and safety standards.

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FUNDAMENTALS OF MACHINE OPERATION

FORMAT: Book, 334 pages, 1974

AVAILABILITY: Sale

SOURCE: John Deere Co.

DESCRIPTION: This is a supplementary guide to the safe operation of agricultural equipment. It is not to be used as an operators manual but as a supplement to the pertinent manual.

CLUSTER RELEVANCE: This material may be used in the Agriculture cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on: unique standards for farm, ranch and agriculture industries; mechanized off-road equipment; and machinery and machine guarding.

GENERAL INDUSTRY

FORMAT: Book, 820 pages, 1978

AVAILABILITY: Sale - USGPO #029-015-00054-6

SOURCE: OSHA #2206

DESCRIPTION: This book contains the Occupational Safety and Health Administration's general industry standards, Part 1910, Title 29 of the Code of Federal Regulations.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, employer and employee rights and responsibilities, life safety code, health standards and safety standards.

GENERAL INDUSTRY

FORMAT: Book, 649 pages, 1976

AVAILABILITY: Sale - OSHA (29CFR1910)#2206

SOURCE: US Dept. of Labor OSHA

DESCRIPTION: This publication contains OSHA general industry standards, part 1910, Tile 20 of CFR.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement in the module on Occupational Safety and Health Act.

GENERAL INDUSTRY

FORMAT: Pamphlet, 52 pages, 1975

AVAILABILITY: Single copy, free OSHA #2201

SOURCE: USGPO 1975-029-016-00027-5

DESCRIPTION: This booklet is a digest of general industry standards to aid in voluntary compliance with OSHA standards at the workplace.

CLUSTER RELEVANCE: This material may be used in the Manufacturing and Construction clusters.

MODULE SUITABILITY: This material may be used as a reference in the module on Occupational Safety and Health Act.

GENERAL INDUSTRY FOR APPLYING SAFETY & HEALTH STANDARDS (29CFR1910)

FORMAT: Pamphlet, 30 pages, 1972

AVAILABILITY: Sale

SOURCE: USGPO OSHA#2072

DESCRIPTION: This guide is a categorical index of the 16 technical subparts of 29CFR1910 divided into six major categories.

CLUSTER RELEVANCE: This material may be used in the Manufacturing and Construction clusters.

MODULE SUITABILITY: This material may be used as a reference in the module on Occupational Safety and Health Act.

GOOD WORK PRACTICES FOR TANNERY WORKERS

FORMAT: Booklet, 22 pages, 1976

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #76-157

DESCRIPTION: This booklet discusses safety for tannery workers and stresses the following areas: noise, eyes, dermatitis, anthrax, chemical burns, lungs, chemicals, machinery, tannery, fire prevention.

CLUSTER RELEVANCE: This material may be used in the Personal Services and Health clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: safety standards; personal protective equipment; medical and first aid; toxic and hazardous substances; and vibration and noise control abatement procedures.

GROUND FAULT PROECTION ON CONSTRUCTION SITES

FORMAT:	Booklet, 15 pages, 1977
AVAILABILITY:	Sale
SOURCE:	USGPO #3007
DESCRIPTION:	This booklet is intended to help employers and employees responsible for electrical equipment to provide protection against electrical shock hazard - the ground fault. Subjects discussed include: insulation and grounding, what is CFCI?, hazards, preventing and eliminating hazards, employer responsibility.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on: electrical safety; use of ground-fault protection; electrical power transmission and distribution; safety standards; and employer and employee rights and responsibilities.

GUARDS ILLUSTRATED 3rd ED - IDEAS FOR MECHANICAL SAFETY

FORMAT: Book, 105 pages, 1973

AVAILABILITY: Sale

SOURCE: National Safety Council

DESCRIPTION: This book is an illustrated guide of machinery and equipment guards. Topics covered include: prime movers, power transmission, machine guarding at point of operation, conveyors, hoists and cranes, test equipment, trucks and heavy equipment.

CLUSTER RELEVANCE: This material may be used in the following clusters: Manufacturing, Agriculture, Construction, Natural Resources and Environment; Marine Sciences, and Transportation.

MODULE SUITABILITY: This material may be used as a reference in the module on machinery and machine guarding.

A GUIDE TO THE SAFE USE OF RADIOACTIVE MATERIALS

FORMAT: Reprint, 12 pages, 1977

AVAILABILITY: Free

SOURCE: Office of Publications USDOL/OSHA

DESCRIPTION: This article discusses radiation safety programs at the National Institute of Health and focuses on that portion of the program pertaining to radioactive materials.

CLUSTER RELEVANCE: This material may be used in the following clusters: Health, Communication & Media, Fine Arts & Humanities, Natural Resources & Environment, Construction, and Manufacturing.

MODULE SUITABILITY: This material may be used as a reference in the modules on: ionizing radiation; toxic and hazardous materials; handling, using, or storing hazardous and flammable materials; and storage and disposal of hazardous materials and waste.

GUIDELINES FOR YOUR SAFETY

FORMAT: Pamphlet, 72 pages, 1975

AVAILABILITY: Sale

SOURCE: J. I. Case Co.

DESCRIPTION: This safety booklet discusses safety in the following areas: general safety, work safety, housekeeping, shop safety, material handling-traffic, ladder safety, fire prevention, home safety, and employee health.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the following modules on: employer and employee rights and responsibilities; industrial housekeeping; medical and first aid; fire protection; health standards required to be enforced in the workplace; safety standards; ladders and scaffolding; and material handling.

HANDBOOK OF ORGANIC INDUSTRIAL SOLVENTS

FORMAT: Pamphlet, 75 pages, 1972, 4th Ed.

AVAILABILITY: Sale

SOURCE: American Mutual Insurance Alliance

DESCRIPTION: This handbook discusses solvents and their hazards. The topics covered include: solvents and their characteristics, potential hazards, evaluation of solvent exposures, control of solvent exposures, engineering controls, solvent checklist and health programs.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the modules on: toxic and hazardous substances; and handling, using, or storing hazardous and flammable materials.

HEALTH & SAFETY EDUCATION BOOK

FORMAT: Book, 250 pages, 1976
Quiz book, 52 pages

AVAILABILITY: Sale

SOURCE: IBAPT/OSHA

DESCRIPTION: This book describes the safety and health hazards and prevention techniques in the Paint and Allied Trades industry. A quiz book is included.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on: health standards, personal protective equipment, medical and first aid, and toxic and hazardous substances.

HEALTH & SAFETY GUIDE FOR AUTO & HOME SUPPLY STORES

FORMAT: Pamphlet, 90 pages, 1975

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #76-113

DESCRIPTION: This booklet discusses safety and health guidelines, frequently violated regulations, recordkeeping requirements, checklists, and information sources for the auto and home supply store industry.

CLUSTER RELEVANCE: This material may be used in the Business and Transportation clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety & Health Act, health standards, safety standards, and employer and employee rights and responsibilities.

HEALTH & SAFETY GUIDE FOR EATING AND DRINKING PLACES

FORMAT: Pamphlet, 63 pages, 1976

AVAILABILITY: Sale

SOURCE: NIOSH #71-163

DESCRIPTION: This booklet covers safety and health guidelines, frequently violated regulations, recordkeeping requirements, checklists, and information sources for eating and drinking places.

CLUSTER RELEVANCE: This material may be used in the Personal Services cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety and Health Act, health standards, safety standards, and employer and employee rights and responsibilities.

HEALTH & SAFETY GUIDE FOR FABRICATED STRUCTURAL METALS PRODUCTS INDUSTRY

FORMAT: Pamphlet, 89 pages, 1977

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #78-16

DESCRIPTION: This booklet discusses health and safety guidelines, frequently violated regulations, recordkeeping requirements, checklists, information sources, and charts for fabricabted structural metal products industry.

CLUSTER RELEVANCE: This material may be used in the Manufacturing and Health clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety and Health Act, health standards, medical and first aid, safety standards, and employer and employee rights and responsibilities.

HEALTH & SAFETY GUIDE FOR FARM AND GARDEN MACHINERY AND EQUIPMENT MANUFACTURERS

FORMAT: Pamphlet, 84 pages, 1975

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #76-119

DESCRIPTION: This guide discusses health and safety guidelines, frequently violated regulations, recordkeeping requirements, checklists and information sources for farm and garden machinery and equipment manufacturers.

CLUSTER RELEVANCE: This material may be used in the Agriculture and Manufacturing clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Health and Safety Act, health standards, safety standards, and employer and employee rights and responsibilities.

HEALTH & SAFETY GUIDE FOR HOTELS & MOTELS

FORMAT: Pamphlet, 82 pages, 1975

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #76-112

DESCRIPTION: This guide discusses health and safety guidelines, frequently violated regulations, recordkeeping requirements, checklists and information sources for motels and hotels.

CLUSTER RELEVANCE: This material may be used in the Personal Services cluster.

MODULE SUITABILITY: This material may be used as a reference in the Occupational Safety & Health Act, health standards, safety standards, and employer and employee rights and responsibilities modules.

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HEALTH & SAFETY GUIDE FOR MILLWORK SHOPS

FORMAT: Pamphlet, 88 pages, 1975

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #76-111

DESCRIPTION: This guide discusses health and safety guidelines, frequently violated regulations, recordkeeping requirements, checklists and information sources for millwork shops.

CLUSTER RELEVANCE: This material may be used in the Manufacturing, and Construction clusters.

MODULE SUITABILITY: This material may be used in the modules on: Occupational Safety and Health Act, health standards, safety standards, and employer and employee rights and responsibilities.

HEALTH & SAFETY GUIDE FOR SCRAP PROCESSORS

FORMAT: Pamphlet, 86 pages, 1975

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #76-125

DESCRIPTION: This guide discusses health and safety guidelines, frequently violated regulations, recordkeeping requirements, checklists and information sources for the scrap processing industry.

CLUSTER RELEVANCE: This material may be used in the Manufacturing and Transportation clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety and Health Act, health standards, safety standards, and employer and employee rights and responsibilities.

HEALTH & SAFETY GUIDE - MISCELLANEOUS CHEMICAL PRODUCTS

FORMAT: Pamphlet, 74 pages, 1977

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #79-194

DESCRIPTION: This guide discusses health and safety guidelines, frequently violated regulations, bookkeeping requirements, checklists, information sources, and charts for the chemical products industry.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment, and Manufacturing clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety & Health Act, health standards, safety standards, toxic and hazardous substances, and employer and employee rights and responsibilities.

HEALTH & SAFETY GUIDE - TOOL, DIE AND PRECISION MACHINE INDUSTRY

FORMAT: Booklet, 70 pages, 1977

AVAILABILITY: Sale USGPO - DHEW (NIOSH) #77-198

SOURCE: Dept. HEW NIOSH

DESCRIPTION: This guide was developed for distribution throughout the tool, die, and precision machinery industry and includes sections of general information, the industry and its hazards, frequently violated regulations, and checklists.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Transportation, Natural Resources and Environment, Marine Science, Manufacturing, Construction and Public Services.

MODULE SUITABILITY: This material may be used as a reference in the modules on machine tools and woodworking machinery, and machinery and machine guarding.

HEALTH & SAFETY GUIDE - TOOL DIE & PRECISION MACHINERY INDUSTRY

FORMAT: Pamphlet, 68 pages, 1977

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO

DESCRIPTION: This guide discusses health and safety guidelines, frequently violated regulations, bookkeeping requirements, checklists, information sources and charts for tool die and precision machinery industry.

CLUSTER RELEVANCE: This material may be used in the Manufacturing, and Construction clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety and Health Act, health standards, safety standards, and employer and employee rights and responsibilities.

HEALTH HAZARD EVALUATION PROGRAM

FORMAT: Pamphlet, 6 pages, 1976

AVAILABILITY: Free

SOURCE: NIOSH

DESCRIPTION: This pamphlet is comprised of four documents which will add to understanding of the hazard evaluation program: (1) highlights of NIOSH's health hazard evaluation program; (2) press release summary of final regulations governing the program; (3) copy of published regulations reprinted from the Federal Register; and (4) copy of request form - to be used by employer in initiating requests for hazard evaluations.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety & Health Act, health standards, employer and employee rights and responsibilities.

HEALTH HAZARDS OF CHROMATE PIGMENTS AND PAINTS: HEXAVALENT CHROMIUM

FORMAT: Pamphlet, 18 pages, 1979

AVAILABILITY: Sale

SOURCE: USGPO #281-412/143

DESCRIPTION: This pamphlet discusses health hazards of chromate pigments and paints and includes the following topics: effects on the body, employer's responsibilitiy, protective measures, workers rights and responsibilities, and sources of additional information.

CLUSTER RELEVANCE: This material may be used in the Transportation, Manufacturing and Construction clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: health standards, personal protective equipment, toxic and hazardous substances, and employer and employee rights and responsibilities.

HEALTH HAZARDS OF INORGANIC ARSENIC

FORMAT: Pamphlet, 12 pages, 1979

AVAILABILITY: Sale

SOURCE: USGPO #218-411/141

DESCRIPTION: This pamphlet discusses health hazards of inorganic arsenic. The topics discusssed include: effects on the body, medical surveillance, engineering controls, exposure monitoring, work practices, protective equipment, personal hygiene, workers rights and responsibilities.

CLUSTER RELEVANCE: This material may be used in the following clusters: Natural Resources and Environment, Manufacturing, Construction and Health.

MODULE SUITABILITY: This material may be used as a reference in the modules on: health standards, medical and first aid, personal protective equipment, toxic and hazardous substances, and employer and employee rights and responsibilities.

HOW AND WHY OF NOISE CONTROL

AUTHOR: William F. Glaser

FORMAT: Pamphlet, reprint, 10 pages, 1962

AVAILABILITY: Free

SOURCE: H. H. Scott Sonic Electronics

DESCRIPTION: This booklet presents a short 2-act play on "Why Noise Control," and an article on the how of noise control and the silent revolution in noise control legislation.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on vibrations and noise control abatement procedures.

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HOW TO GET ALONG WITH YOUR SOLVENT

FORMAT: Pamphlet, 68 pages, 1975

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #76-108

DESCRIPTION: This is an illustrated safety guide for solvent handlers.

CLUSTER RELEVANCE: This material may be used in the Manufacturing and Construction clusters.

MODULE SUITABILITY: This may be used as a reference in the modules on: toxic and hazardous substances and handling, using or storing hazardous and flammable materials.

HOW TO SELECT THE RIGHT FUME HOOD

FORMAT: Pamphlet, 6 pages, 1977

AVAILABILITY: Free

SOURCE: Labconco Corp.

DESCRIPTION: This brochure discusses types of fume hoods, basic specifications and uses.

CLUSTER RELEVANCE: This material may be used in Natural Resources and Environment, and Manufacturing clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: safety standards, toxic and hazardous substances, personal protective equipment; and local exhaust, dust collecting and ventilation systems.

IDEAS IN ACTION - PROMOTING ON-THE-JOB SAFETY

FORMAT: Pamphlet, 30 pages

AVAILABILITY: Free #194.01

SOURCE: National Safety Council

DESCRIPTION: This pamphlet presents ideas for on-the-job safety including: company-wide programs, home safety programs, public safety programs, and traffic safety programs.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

INDUSTRIAL HYGIENE

FORMAT: Phamplet, 75 pages, 1975

AVAILABILITY: Free

SOURCE: Texas A&M University and American Industrial Hygiene Assn.

DESCRIPTION: This is a series of workshop materials from a conference held at Texas A&M University in August, 1975, on industrial hygiene.

CLUSTER RELEVANCE: This material may be used in the Health cluster.

MODULE SUITABILITY: This material may be used as a reference source in the module on medical and first aid.

INDUSTRIAL HYGIENE MEASUREMENTS

FORMAT: Book, 784 pages, 1975

AVAILABILITY: Sale

SOURCE: USGPO #657-064/2040

DESCRIPTION: This course discusses the following topics: air flow measurements, gas and vapor sampling; illumination measurements; industrial ventilation; noise measurement; particulate sampling; radiation measurements; thermal stress measurements.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement to the modules on: health standards, vibration and noise control abatement procedures; toxic and hazardous substances; and compressed gases and compressed air equipment, use, handling and storage.

INDUSTRIAL HYGIENIST

FORMAT: Flier

AVAILABILITY: Sale - 3rd ed. DOT 079.188

SOURCE: Chronicle Guidance Publishers, Inc.

DESCRIPTION: This flier briefly describes the field of industrial hygienist and includes the following topics: work performed, working conditions, personal requirements, employment, education-training requirements, and sources of additional information.

CLUSTER RELEVANCE: This material may be used in the Health cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on: health standards, safety standards, personal protective equipment, and environmental control procedures.

INDUSTRIAL NOISE - TRAINING COURSE MANUAL IN OCCUPATIONAL HEALTH

FORMAT: Book, 95 pages

AVAILABILITY: Sale

SOURCE: HEW - Public Health Service

DESCRIPTION: This training manual covers the following topics: sound and noise, physiology of hearing, audiometry, noise measurement, industrial noise survey, control of noise exposure, engineering control methods, personal protection against noise, and noise standards.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on vibration and noise control abatement procedures.

INDUSTRIAL SAFETY

FORMAT: Pamphlets, 5 parts
Part 1, 60 pages, 1979
Part 2, 54 pages, 1979
Part 3, 64 pages, 1979
Part 4, 50 pages, 1978
Part 5, 74 pages, 1979

AVAILABILITY: Sale

SOURCE: Intext Communications Systems

DESCRIPTION: This course is presented in five parts which may be used as packaged or regrouped with other units. Each part is described below.

Part 1 - Major topics in this unit include: history of accident prevention, safety councils and engineering organizations, plant safety organizations, causes of accidents, job analysis, evaluating safety performance, plant housekeeping, maintenance and laying out a safe plant.

Part 2 - Major topics in this unit include: materials handling, storage of materials, and ropes, chains and cables.

Part 3 - This unit covers the following topics: stairs, ladders and platforms; hand tools; power tools; machine guarding; low-voltage electrical hazards; and personal protective equipment.

Part 4 - This unit covers the following topics: safety in welding and cutting; office safety; fired pressure vessels, unfired pressure vessels; refrigeration and air conditioning; and fire prevention and control.

Part 5 - This unit covers the following topics: occupation-related diseases; maximum permissible concentrations; occupational diseases; chemical hazards; pesticides; ventilation and control; respirator protection; respirator selection and environmental conditions.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement in the module on health standards; safety standards; and basically all modules in the JSHIM program.

INDUSTRIAL SAFETY EDUCATION FOR SMALL BUSINESSES

FORMAT: Book, 137 pages, 1971

AVAILABILITY: Sale

SOURCE: Stout State University

DESCRIPTION: This book is a curriculum guide for an industrial safety education program for small businesses.

CLUSTER RELEVANCE: This material may be used in the Business and Office, Manufacturing and Construction clusters.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

INSTITUTIONAL COMPETENCY BUILDING PROGRAM IN OCCUPATIONAL SAFETY AND HEALTH

FORMAT: Book, 100 pages, 1979

AVAILABILITY: Sale

SOURCE: U.S. Department of Labor

DESCRIPTION: This guide is a grants application package and outlines regulations and formats for applying for federally funded programs.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference source.

INSTRUMENTS AND TECHNIQUES OF SOUND MEASUREMENT

FORMAT:	Pamphlet, 12 pages, reprint
AVAILABILITY:	Sale
SOURCE:	National Safety Council
DESCRIPTION:	This pamphlet covers various sound measurement instruments, their applications and techniques of use.
CLUSTER RELEVANCE:	This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.
MODULE SUITABILITY:	This material may be used as a reference in the module on vibration and noise control abatement procedures.

INVESTIGATING ACCIDENTS IN THE WORKPLACE

FORMAT:	Pamphlet, 16 pages, 1977
AVAILABILITY:	Single copy, free - OSHA #2288
SOURCE:	USGPO 1977-0-241-016/51
DESCRIPTION:	This booklet describes accident investigation and includes the following topics: overview of role as investigator, investigation techniques, and analysis and reporting.
CLUSTER RELEVANCE:	This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.
MODULE SUITABILITY:	This material may be used as a reference in the module on safety standards.

LABORATORY SAFETY HANDBOOK

FORMAT: Pamphlet, 60 pages, 1969

AVAILABILITY: Sale

SOURCE: Mallinckrodt Chemical Works

DESCRIPTION: This booklet is a general safety guide which is useful to personnel in laboratories and helpful in safety indoctrination of new lab employees. Topics discussed include: safety guidelines, general emergency instructions, safety equipment, safe practice, suggestions, handling lab equipment, and useful lab information.

CLUSTER RELEVANCE: This material may be used in the Manufacturing, Natural Resources and Environment and Health clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on safety standards, and personal protective equipment.

LIFE SAFETY CODE

FORMAT: Book, 242 pages, 1973

AVAILABILITY: Sale

SOURCE: National Fire Protection Association

DESCRIPTION: This book is the latest revision of the Life Safety Code as adopted by the National Fire Protection Association.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement to the module on life safety code.

LONGSHORING INDUSTRY

FORMAT: Booklet, 138 pages, 1975

AVAILABILITY: Single copy, free (OSHA)

SOURCE: USGPO #0-250-330

DESCRIPTION: This booklet contains all the special industry safety and health standards applicable to longshoring operations. Major topics include: federal standards; recordkeeping; longshoring - all standards are covered for longshoring operations, both on vessel and on shore.

CLUSTER RELEVANCE: This material may be used in the Marine Science and Transportation clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on: health standards; safety standards; ropes, chains, and slings; marine and longshoring operations; and ladders and scaffolding.

MANAGEMENT POLICIES ON OCCUPATIONAL SAFETY

FORMAT: Pamphlet, 11 pages, 1966

AVAILABILITY: Sale

SOURCE: National Safety Council #123.04-585

DESCRIPTION: This document deals with management responsibilities for safe operation. Topics include: safety policy statement, developing the policy, survey of company policies and establishing safe practices.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act and safety standards.

MISSION RESPONSIBLE

FORMAT: Booklet, 15 pages, 1973

AVAILABILITY: Sale

SOURCE: Channing L. Bete Co., Inc.

DESCRIPTION: This pamphlet is illustrated guide to protective equipment work by workers.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on personal protective equipment.

NEW KIRK & BLUM OIL MIST COLLECTOR

FORMAT: Flier

AVAILABILITY: Free

SOURCE: Kirk & Blum, Inc.

DESCRIPTION: This flier is a specifications sheet for Kirk & Blum Air Mist Collector.

CLUSTER RELEVANCE: This material may be used in the Manufacturing cluster.

MODULE SUITABILITY: This material may be used as a reference source for the module on local exhaust, dust collecting and ventilation systems.

NEWS - U.S. DEPARTMENT OF LABOR

FORMAT:	Newsletter, 11 pages, 1979
AVAILABILITY:	Sale
SOURCE:	U.S. Department of Labor #79-787
DESCRIPTION:	This newsletter deals with work-related deaths in 1978 and occupational injuries and illnesses in 1978.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference source in the module on medical and first aid.

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NOISE - THE ENVIRONMENTAL PROBLEM
A GUIDE TO OSHA STANDARDS

FORMAT: Pamphlet, 12 pages, 1972

AVAILABILITY: Free

SOURCE: USGPO 1972-0-474-603

DESCRIPTION: This pamphlet deals with noise, noise control and implications of the OSHA standards for noise.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, and vibration and noise control abatement procedures.

NOISE AND YOU - THE ABC's OF HEARING CONSERVATION

FORMAT: Pamphlet, 15 pages, 1978

AVAILABILITY: Sale

SOURCE: Channing L. Bete Co., Inc.

DESCRIPTION: This is an illustrated booklet on hearing safety and noise levels.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on vibration and noise control abatement procedures.

NOISE EXPOSURE LIMITS CALCULATOR

FORMAT: Paper wheel guide

AVAILABILITY: Sale

SOURCE. Columbia Research Labs, Inc.

DESCRIPTION: This is a handy noise level time calculator.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This guide may be used as a reference in the module on vibration and noise control abatement procedures.

OCCUPATIONAL DISEASE - THE SILENT ENEMY

FORMAT: Pamphlet, 9 pages, 1975

AVAILABILITY: Sale, NIOSH

SOURCE: USGPO 1974-659-111 Region #5-11

DESCRIPTION: This is a pamphlet describing some of the effects of harmful materials, chemicals and current efforts to safeguard the health of workers. Included is a section of how to protect your own health on the job.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on: industrial housekeeping; medical and first aid; industrial sanitation; materials handling; environmental controls; health standards; safety standards; environmental control procedures; use, storage, transportation and security of blasting and explosive materials; toxic and hazardous materials; handling, using, or storing hazardous and flammable materials; working in confined areas; storage and disposal of hazardous materials and waste; and local exhaust, dust collecting, and ventilation systems.

OCCUPATIONAL HEALTH AND SAFETY - A MANUAL FOR FLOOR COVERING APPRENTICES

AUTHORS: Janet Bertinuson, Sidney Weinstein

FORMAT: Pamphlet, 74 pages, 1976

AVAILABILITY: Sale

SOURCE: Labor Occupational Health Program, OSHA

DESCRIPTION: This manual identifies potential hazards facing most coverers and discusses ways that workers can protect themselves.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Marketing and Distribution, Hospitality and Recreation, Natural Resources and Environment, Construction, and Manufacturing.

MODULE SUITABILITY: This material may be used as a reference in the modules on: health standards, safety standards, and floor, wall openings and stairways.

OCCUPATIONAL HEALTH AND SAFETY - A MANUAL FOR FOUNDRY WORKERS

AUTHORS: Janet Bertinuson, Sidney Weinstein

FORMAT: Pamphlet, 98 pages, 1976

AVAILABILITY: Sale

SOURCE: Labor Occupational Health Program, OSHA

DESCRIPTION: This is a manual identifying the types of hazards facing most foundry workers and possible protections.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Transportation, Natural Resources and Environment, Manufacturing, and Construction.

MODULE SUITABILITY: This material may be used in the modules on: Occupational Safety and Health Act; industrial housekeeping; materials handling; electrical safety; health standards; personal protective equipment; material hoists (fixed and mobile), overhead cranes and their attachments; hoisting apparatus (stationary and mobile), elevators (material and personnel); welding, cutting, and brazing operations in the industrial workplace; and handling, using, or storing hazardous and flammable materials.

OCCUPATIONAL HEALTH AND SAFETY FOR FLOOR COVERING APPRENTICES - AN INSTRUCTOR'S GUIDE

AUTHORS: Sidney Weinstein, Janet Bertinuson

FORMAT: Pamphlet, 57 pages

AVAILABILITY: Sale

SOURCE: Institute of Industrial Relations
University of California

DESCRIPTION: This is an instructor's guide for Health and Safety in the field of floor covering.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Marketing and Distribution, Hospitality and Recreation, Natural Resources and Environment, Manufacturing, and Construction.

MODULE SUITABILITY: This material may be used as a reference in the modules on health standards; safety standards; and floor, wall openings and stairways.

OCCUPATIONAL INJURIES AND ILLNESSES - 1977 SUMMARY

FORMAT: Pamphlet, 23 pages, 1979

AVAILABILITY: Sale

SOURCE: U. S. Department of Labor, Report 561

DESCRIPTION: A report containing tables which present estimates for the nation, as a whole derived from the occupational injuries and illnesses surveys for 1976 and 1977.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the modules on health standards, Occupational Safety and Health Act, medical and first aid and workers' compensation laws.

OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 - LAW AND EXPLANATION

FORMAT: Book, 128 pages, 1971

AVAILABILITY: Commerce Clearing House, Inc. Sale

SOURCE: Texas Manufacturers Association

DESCRIPTION: This book is an explanation of the Occupational Safety and Health Act of 1970.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as reference source in the modules on Occupational Safety and Health Act, health standards, and safety standards.

OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR THE CONSTRUCTION INDUSTRY

FORMAT: Book, 157 pages, 1979

AVAILABILITY: Sale

SOURCE: Safety International, Inc.

DESCRIPTION: This book contains safety and health standards for construction included in 29CFR Part 1926, 29CFR Part 1910 and ammendments as of March 1, 1979.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, employer and employee rights and responsibilites, health standards and safety standards.

OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR THE CONSTRUCTION INDUSTRY

FORMAT: Booklet

AVAILABILITY: Sale - Commerce Clearing House, Inc.

SOURCE: Safety International, Inc.

DESCRIPTION: This booklet contains the construction industry job safety and health standards (29CFR, Part 1926) by OSHA and amendments prior to 1-1-77.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used in the modules on Occupational Safety and Health Act, and health standards.

OSHA GUIDELINES FOR GENERAL INDUSTRY, VOL. I

AUTHOR: Bendix Corporation

FORMAT: Book, 110 pages, 1975

AVAILABILITY: Sale - NTIS PB-239-310

SOURCE: OSHA

DESCRIPTION: This book discusses guidelines that have been prepared to help employers identify those occupational safety and health standards that pertain to job safety and health training and to provide employers with a base of information prior to setting up their own training programs. These guidelines pertain to general industry.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, employer and employee responsibilities, safety standards, and health standards.

OSHA & THE FARM OR RANCH EMPLOYEE

FORMAT: Pamphlet, 10 pages, 1976

AVAILABILITY: Sale USGPO 1976-201-596

SOURCE: OSHA #2284

DESCRIPTION: This is a discussion of rights and responsibilities of employers and employees in the agricultural industry.

CLUSTER RELEVANCE: This material may be used in the Agriculture cluster.

MODULE SUITABILITY: This material may be used as a reference in the module on employer and employee rights and responsibilities.

OSHA CLOSING CONFERENCE GUIDE

FORMAT: Pamphlet, 6 pages, 1977

AVAILABILITY: Sale USGPO 1977-720-295-4104-3-I

SOURCE: OSHA #3030

DESCRIPTION: This pamphlet explains what happens after an OSHA inspection and provides a convenient reference to the topics that may be discussed with the complance officer in the closing conference.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on Occupational Safety and Health Act.

OSHA HANDBOOK FOR VOCATIONAL AND TECHNICAL EDUCATION TEACHERS

FORMAT: Booklet, 68 pages, 1974

AVAILABILITY: Sale

SOURCE: University of Illinois at Urbana
Votec 399, EE

DESCRIPTION: This booklet is to assist the school shop teacher in participating in a manner of voluntary compliance with OSHA standards, and creating an environment of safe and health conditions in the school shop. Topics include: general shop safety, specific safety, and checklist for school shops.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference source in the modules on Occupational Safety and Health Act, health standards, safety standards, and personal protective equipment.

OSHA: OCCUPATIONAL SAFETY AND HEALTH ACT

FORMAT: Pamphlet, 39 pages, 1979

AVAILABILITY: Sale

SOURCE: Intext Communications Systems

DESCRIPTION: This text includes the following topics; purpose, scope and administration of OSHA; OSHA standards; enforcement of OSHA - compliance officers, inspection procedures; procedure for employer contest; penalties for violations; recordkeeping and reporting requirements; participation of states and other provisions of OSHA.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement in the modules on Occupational Safety and Health Act; employer and employee responsibilities; health standards and safety standards.

OSHA TRAINING GUIDELINES FOR CONSTRUCTION, VOL. III

AUTHOR: Bendix Corporation

FORMAT: Booklet, 65 pages, 1975

AVAILABILITY: Sale NTIS #239-312

SOURCE: OSHA

DESCRIPTION: These guidelines are prepared to help employers identify those occupational safety and health standards that pertain to job safety and health training, and to provide them with a base of information prior to setting up their own training programs. These guidelines pertain to the construction industry.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, health standards, safety standards and employer and employee rights and responsibilities.

OSHA SAFETY AND HEALTH GUIDELINES - MARITIME OPERATIONS

AUTHOR: Bendix Corporation

FORMAT: Booklet, 42 pages, 1974

AVAILABILITY: Sale NTIS PB 239-311

SOURCE: OSHA

DESCRIPTION: These guidelines are prepared to help employers identify the standards that pertain to training and to provide them with a guide they may use to set up a training program in their workplace. Guidelines pertain to the maritime operations.

CLUSTER RELEVANCE: This material may be used with the Marine Science cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, safety standards, employer and employee rights and responsibilities, and marine and longshoring operations.

OSHA: YOUR WORKPLACE RIGHTS IN ACTION

FORMAT: Pamphlet, 26 pages, 1979

AVAILABILITY: Sale USGPO 1979-0-284-008

SOURCE: OSHA #3032

DESCRIPTION: This pamphlet discusses the rights of employees in the workplace.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, employer and employee rights and responsibilities, health standards and safety standards.

OUTLINE FOR TRAINING POWERED INDUSTRIAL TRUCK OPERATORS

FORMAT: Pamphlet, 32 pages, 1978

AVAILABILITY: Sale DHEW (NIOSH) Pub. #78-199

SOURCE: NIOSH

DESCRIPTION: This pamphlet is intended to assist the employer in developing a training program adequate to protect operators and bystanders and sufficient to satisfy the OSHA regulations.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on: Occupational Safety and Health Act; employer and employee rights and responsibilities; safety standards; health standards; mechanized off-road equipment; operating commercial vehicles; mobile and fixed mechanical storage and retrieval equipment for warehouses; hoisting apparatus; machinery and machine guarding; excavating, trenching, and storing; steel erection; demolition procedures and powered industrial trucks.

PATIENT SAFETY

AUTHOR:	Hewlett-Packard Co.
FORMAT:	Pamphlet, 29 pages, 1971
AVAILABILITY:	Sale
SOURCE:	Hewlett-Packard Co.
DESCRIPTION:	This patient safety application note is a discussion of the technical, often subtle, factors involved in accidentally induced ventricular fibrillation. Safety design considerations in electronic equipment, power wiring systems, isolation transformers and new safe grounding procedures are discussed in this note, including Hewlett-Packard's engineering efforts.

CLUSTER RELEVANCE: This material may be used in the Health cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on medical and first aid, life safety code, and health standards.

PATTY'S INDUSTRIAL HYGIENE AND TOXICOLOGY, VOLUME I

AUTHOR: Frank Patty

FORMAT: Book, 1466 pages, 1978

AVAILABILITY: Sale

SOURCE: John Wiley & Sons, Inc.

DESCRIPTION: This is a reference book for the occupational fields. Includes such topics as agricultural hazards, odors, heat stress, fire and explosion hazards, and many others. It includes methods of evaluation of the various problems likely to be encountered by the industrial hygienist.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference source in all modules in this program.

PATTY's INDUSTRIAL HYGIENE & TOXICOLOGY, VOLUME III

AUTHOR: Frank Patty

FORMAT: Book, 752 pages, 1979

AVAILABILITY: Sale

SOURCE: John Wiley & Sons, Inc.

DESCRIPTION: This book provides a basis for the practice of industrial hygiene in its various facets and provides practitioners with the rationale for the setting of standards and their interpretations.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference source in all modules in this program.

PLANT SAFETY: UNDERSTANDING SAFETY STANDARDS APPROVED BY OSHA

FORMAT: Book, 160 pages, 1974

AVAILABILITY: Sale

SOURCE: Technical Publishing Company

DESCRIPTION: This material is divided into ten lessons of self-paced instruction involving approximately 20 hours. The major topics include: making safety work; work area safety; safe material handling, tool and equipment safety; machinery safeguards; personal protection; electrical safety; hazardous materials and operations; fire prevention and understanding OSHA.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement to the modules on: Occupational Safety and Health Act; personal protective equipment; machinery and machine guarding; electrical power transmission and distribution; electrical safety; fire protection; and toxic and hazardous substances.

PRACTICAL SAFETY COMMUNICATIONS

FORMAT: Pamphlet, 15 pages, 1971

AVAILABILITY: Sale

SOURCE: International Safety Academy

DESCRIPTION: This pamphlet discusses the importance of reporting all kinds of safety problems. The major problems are not the only kinds. Methods are suggested.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in modules on Occupational Safety and Health Act, employer and employee rights and responsibilities, health standards, safety standards, and personal protective equipment.

A PRESCRIPTION FOR BATTERY WORKERS

FORMAT: Pamplhlet, 1976

AVAILABILITY: Sale USGPO 1976-567-692/1538 Region #5-11

SOURCE: NIOSH #76-153

DESCRIPTION: This booklet describes the hazards that may exist in lead-acid storage battery plants, describes the illnesses or injuries that may be caused by these hazards and points out what the worker should do if he recognizes the existence of a hazard.

CLUSTER RELEVANCE: This material may be used in the Manufacturing cluster.

MODULE SUITABILITY: This material may be used as a referenced in the modules on: employer and employee rights and responsibilities, industrial housekeeping; medical and first aid; industrial sanitation; materials handling; fire protection; health standards, personal protective equipment; use, storage, transportation and security of blasting and explosive materials; compressed gases and compressed air equipment, use, handling, and storage; toxic and hazardous substances; and handling, using, or storing hazardous and flammable materials.

A PRIMER OF NOISE MEASUREMENT

FORMAT:	Pamphlet, 36 pages, 1972
AVAILABILITY:	Sale
SOURCE:	General Radio Co.
DESCRIPTION:	This material describes the sound-level meter, what it is, why it is used, and how it is used. Also includes meters and accessory prices.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on vibration and sound control abatement procedures.

THE PRINCIPLES AND TECHNIQUES OF MECHANICAL GUARDING

FORMAT: Pamphlet, 58 pages, 1973

AVAILABILITY: Sale OSHA #2057

SOURCE: USGPO 1973-0-520-171

DESCRIPTION: Discusses principles of mechanical guarding and outlines certain broad principles of mechanical guarding applicable to all guarding situations. Included are illustrations of different techniques of mechanical guarding as applied to specific machines.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Natural Resources and Environment, Marine Science, Manufacturing, Construction, and Public Service.

MODULE SUITABILITY: This material may be used as a reference for the module on machinery and machine guarding.

PROCEDURES OF A SOUND SURVEY

AUTHOR:	E. L. Alpaugh, P.E.
FORMAT:	Pamphlet, 12 pages, 1969
AVAILABILITY:	Sale
SOURCE:	National Safety Council - National Safety News
DESCRIPTION:	This article outlines the fundamentals in the development of an industrial hearing conservation program. Topics include: sound surveys, types of noise, the equipment needed, survey procedures, the recording of data and the interpretation of results.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Communication & Media; Hospitality and Recreation, Business and Office, Transportation, Home Economics Related Occupations, Natural Resources & Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts & Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on: health standards, Occupational Safety and Health Act, employer and employee rights and responsibilities, and vibration and noise control abatement procedures.

PROVIDING MORE INFORMATION ON WORK INJURY AND ILLNESS

AUTHORS: Norman Root and David McCaffrey

FORMAT: Pamphlet, 7 pages, 1978 reprint

AVAILABILITY: Free

SOURCE: Dept. of Labor - Bureau of Labor Statistics

DESCRIPTION: This material describes "the supplementary data system," which is a program to provide detailed information on injury and illness that was to go into operation in 1978.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act; employer and employee rights and responsibilities; life safety code; medical and first aid; health standards, safety standards; and personal protective equipment.

PUBLIC LAW 91-596

FORMAT: Pamphlet, 31 pages, 1979

AVAILABILITY: Sale

SOURCE: USGPO 1979-0-288-147

DESCRIPTION: The Occupational Safety and Health Act of 1970.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the module on Occupational Safety and Health Act.

QUESTIONS AND ANSWERS ABOUT OSHA STANDARDS FOR COMMERCIAL DIVING OPERATIONS

FORMAT: Pamphlet, 20 pages, 1979

AVAILABILITY: OSHA #3036

SOURCE: OSHA

DESCRIPTION: This booklet is for employers of commercial divers and answers specific questions regardin OSHA standards for diving operations.

CLUSTER RELEVANCE: This material may be used in the following clusters: Marine Science, Construction, Natural Resources and Environment, and Hospitality and Recreation.

MODULE SUITABILITY: This material may be used as a reference in the module on commerical diving operations.

QUESTIONS & ANSWERS TO PART 1910

FORMAT: Pamphlet, 30 pages, 1974

AVAILABILITY: Sale

SOURCE: USGPO 1974-0-553-69

DESCRIPTION: This booklet answers specific questions regarding part 1910 of OSHA general industry standards.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference for the module on Occupational Safety and Health Act.

RECORDKEEPING REQUIREMENTS UNDER OSH ACT OF 1970

FORMAT:	Booklet, 5 pages, 1979
AVAILABILITY:	Free
SOURCE:	USGPO 1979 0-281-412/167
DESCRIPTION:	This booklet describes recordkeeping requirements of the OSH Act and defines forms required.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference to the module on Occupational Safety and Health Act.

REGULATIONS & PROCEDURES PART 1903

FORMAT: Booklet, 71 pages, 1971

AVAILABILITY: Sale

SOURCE: USGPO 822-293-1

DESCRIPTION: This booklet is a reprint of Part 1903, from 36FR17850, 9-4-1971, "Inspections, Citations and Proposed Penalties," of OSH Act.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement to the module on Occupational Safety and Health Act.

SAFETY & HEALTH GUIDE FOR PLUMBING, HEATING AND AIR CONDITIONING CONTRACTORS

FORMAT: Booklet, 122 pages, 1975

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO 1976-657-692/1526

DESCRIPTION: This booklet discusses health and safety guidelines, frequently violated regulations, recordkeeping requirements, checklists, information sources and charts relating to plumbing, heating and air conditioning contractors.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, safety standards, and health standards.

A SAFETY & HEALTH GUIDE FOR VOCATIONAL EDUCATION

FORMAT: Book, 165 pages, 1977

AVAILABILITY: Sale

SOURCE: Vocational Education Information Network

DESCRIPTION: This document is intended as a guide for vocational educators to incorporate the requirements of the OSHAct and requirements of various Pennsylvania safety and health regulations with their cooperative vocational programs. Guide includes a list of hazards and standards along with the source of each and a list of resource materials.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on Occupational Safety and Health Act.

SAFETY & HEALTH IN ARC WELDING AND GAS WELDING AND CUTTING

FORMAT: Booklet, 52 pages, 1978

AVAILABILITY: Single copy, free NIOSH

SOURCE: Public Health Service, NIOSH
USGPO 1978-757.134/1731

DESCRIPTION: This booklet describes training techniques, worksite preparation, equipment check, fire protection, health hazards, personal protective equipment, welding techniques, special requirements and first aid for welding industry.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Transportation, Manufacturing, and Construction.

MODULE SUITABILITY: This material may be used as a reference in the modules on: safety standards, health standards, medical and first aid; compressed gases and compressed air equipment, use, handling, and storage; and welding, cutting, and brazing operations in the workplace.

SAFETY & HEALTH STANDARDS FOR AGRICULTURE

FORMAT: Booklet, 10 pages, 1976

AVAILABILITY: Sale - USGPO 905-485

SOURCE: Federal Register

DESCRIPTION: This is a reprint of Health and Safety Standards for Agriculture.

CLUSTER RELEVANCE: This material may be used in the Agriculture cluster.

MODULE SUITABILITY: This material may be used as a supplement to the modules on Occupational Safety and Health Act, safety standards, health standards, and unique standards for farm, ranch and agriculture industries.

SAFETY COMPLIANCE MANUAL

FORMAT: Book, 150 pages, 1976

AVAILABILITY: Sale

SOURCE: Indiana Vocational Education Department

DESCRIPTION: This guide is for administrators and instructors of vocational education programs for applying compliance standards to school vocational education curricula.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference for the module on safety standards.

SAFETY FOR SHARING

FORMAT:	Booklet, 24 pages, 1971
AVAILABILITY:	Sale
SOURCE:	International Safety Academy
DESCRIPTION:	This booklet contains a series of safety newsletter fliers for distribution to employees emphasizing safety on and off the job.
CLUSTER RELEVANCE:	This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.
MODULE SUITABILITY:	This material may be used as a reference for the module on safety standards.

SAFETY IN INDUSTRY - BULLETIN 247

FORMAT:	Booklet, 14 pages, 1969
AVAILABILITY:	Sale
SOURCE:	USGPO 1969-0-359-972
DESCRIPTION:	This booklet describes safety in industry. The major topics include: top management leadership, a safe and healthful place to work, proper training and supervision, and employee participation and interest.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

SAFETY IN INDUSTRY - THE CONSULTATIVE APPROACH FOR SAFETY PROMOTION

FORMAT: Booklet, 19 pages, 1966

AVAILABILITY: Sale

SOURCE: U.S. Department of Labor

DESCRIPTION: This booklet is an instructor's outline for teaching safety and includes the following topics: the consultative approach, consultative approach more successful, qualifications of consultant, selling safety, survey for appraisal, preparing recommendations, and written report and followup.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

SAFETY IN INDUSTRY - JOB HAZARD ANALYSIS

FORMAT:	Booklet, 22 pages, 1966
AVAILABILITY:	Sale
SOURCE:	USGPO, DOL Bulletin 287
DESCRIPTION:	This booklet is an instructor's outline of job hazard analysis and covers the following topics: importance of job hazard analysis, what is hazard analysis, process relationship, study plan clues, operation breakdown, simple hazard analysis form, and how can hazards be eliminated.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference to the modules on safety standards and health standards.

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SAFETY IN TRADE AND INDUSTRY AND TECHNICAL EDUCATION

FORMAT:	Book, 100 pages, 1974
AVAILABILITY:	Sale
SOURCE:	Curriculum Development Center, University of Kentucky
DESCRIPTION:	This book is a resource guide for safety programs and includes the following topics: shop and lab safety, safety responsibilities, safety inspections and reports, instructional methods, teacher liability, safety resource listings and publishers addresses.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference source for the module on safety standards.

SAFETY MANUAL FOR COOPERATIVE INDUSTRIAL EDUCATION

FORMAT:	Book, 367 pages, 1977
AVAILABILITY:	Sale
SOURCE:	State of New Jersey, Department of Education Division of Vocational Education
DESCRIPTION:	This manual is divided into two parts. Each is described below: Part 1 - Safety Manual for Cooperative Industrial Education includes: safety, safety in cooperative industrial education programs, safety practices in construction, machine, automotive, electrical, manufacturing and welding trades, first aid safety, safety forms, and OSH regulations. Part 2 - Safety Manual for Cooperative Education Programs includes safety in agricultural areas, business and office, health, home economics, and retail occupations, ERIC file on safety, audio-visuals and reference materials.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

SAFETY - OCCUPATIONAL WORK EXPERIENCE

FORMAT:	Booklet, 10 pages
AVAILABILITY:	Sale
SOURCE:	Ohio State Department of Education
DESCRIPTION:	This is a job safety workbook with assignments on specific safety rules.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

SAFETY PRACTICES IN WELDING

FORMAT: Booklet, 27 pages, 1978

AVAILABILITY: Sale - course #401

SOURCE: Eutetic + Castolin Institute

DESCRIPTION: This course covers the following topics: safety, electrical shock and burns, fire hazards, care of gas cylinders, regulators, torches and hoses; radiant energy; gases, fumes, and dust; factors of cadmium poisoning, and safety factors relative to work load limits.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Public Service, Marine Science, and Construction.

MODULE SUITABILITY: This material may be used in the module on welding, cutting, and brazing operations in the industrial workplace.

SAFETY PROGRAM DEVELOPMENT GUIDE FOR VOCATIONAL/TECHNICAL PROGRAMS

FORMAT: Booklet, 90 pages, 1975

AVAILABILITY: Sale

SOURCE: State of Louisiana Curriculum Development Center

DESCRIPTION: This is a curriculum guide which suggests policies and procedures that may be adapted to vocational-technical school programs. It also includes sources of safety organization and associations, safety films, and publications.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

SAFETY SEMINAR

FORMAT: Book, 295 pages, 1973

AVAILABILITY: Sale

SOURCE: U.S. Postal Service Management Service

DESCRIPTION: This is a student manual for postal service safety seminar which covers the following topics: importance of safety within the postal service; administrative function and responsibilities; implications and applications of OSHA; accident characteristics, reporting and investigations; protection for planned operations; fire protection; managing safety performance; training as motivation for safety performance; back-home action plans; profile data; and summary.

CLUSTER RELEVANCE: This material may be used in the Public Service cluster.

MODULE SUITABILITY: This material may be used as a reference in the following modules: safety standards, fire protection, operating commercial vehicles, vibration and noise control abatement procedures, and powered industrial trucks.

SAFETY STANDARDS PLAN

FORMAT: Book, 220 pages, 1977

AVAILABILITY: Sale

SOURCE: Rutgers, The State University

DESCRIPTION: This is a curriculum guide for safety in vocational-technical schools.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards.

SAFETY YELLOW - ELECTRICAL SPECIALISTS INSURE GOOD ELECTRICAL HYGIENE

FORMAT: Poster, 1973

AVAILABILITY: Free

SOURCE: Daniel Woodhead Co.

DESCRIPTION: This poster depicts OSHA national electrical code.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on safety standards and electricial safety.

SBA LOANS FOR OSHA COMPLIANCE

FORMAT: Pamphlet, 10 pages, 1975

AVAILABILITY: Single copy, free OSHA

SOURCE: USGPO 1975-0-573-527

DESCRIPTION: This pamphlet explains how and why to apply for SBA loans for OSHA compliance, maturity, interest and fees and time of filing for loan.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference for the module on Occupational Safety and Health Act.

SELECTED GENERAL INDUSTRY SAFETY AND HEALTH STANDARDS

FORMAT: Book, 156 pages, 1977

AVAILABILITY: Sale

SOURCE: USGPO

DESCRIPTION: This is proposed revocation of selected general industry safety and health standards of OSHA as published in the Federal Register.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, and safety standards.

SHIPYARD INDUSTRY

FORMAT: Book, 173 pages, 1976

AVAILABILITY: Single copy, free OSHA #2268

SOURCE: USGPO 1977-0-235-407

DESCRIPTION: This book is a summary of applicable standards of OSHA pertaining to the shipyard industry.

CLUSTER RELEVANCE: This material may be used in the Marine Science cluster.

MODULE SUITABILITY: This material may be used as a reference for all of the modules in the Marine Science cluster.

SPRAY PAINTING - GOOD PRACTICES FOR EMPLOYEES

FORMAT: Booklet, 22 pages, 1976

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO #76-178

DESCRIPTION: This booklet describes safe methods of spray painting including operations and processes, other hazards of spray painting operations, controls of hazards, operator protection, and accident prevention.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Construction, Transportation and Public Services.

MODULE SUITABILITY: This material may be used as a reference in the modules on: safety standards, toxic and hazardous substances, personal protective equipment, and fire protection.

STATISTICS FROM BLS

FORMAT: Brochure, 12 pages, 1979

AVAILABILITY: Free

SOURCE: U.S. Department of Labor, BLS

DESCRIPTION: These brochures are announcements on occupational injury and illness statistics.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on medical and first aid.

SUPERVISORS SAFETY MANUAL

FORMAT: Book, 406 pages, 1973

AVAILABILITY: Sale

SOURCE: National Safety Council

DESCRIPTION: This manual is to provide safety training in reviewing hazard control information with workers, checking personal protective equipment and safety devices and investigating accidents occurring in your area.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference with the following modules: Occupational Safety and Health Act; employer and employee rights and responsibilities; industrial housekeeping; industrial santiation; hand and portable power tools; fire protection; health standard, safety standards, personal protective equipment; and machinery and machine guarding.

A SYSTEM FOR UNDERSTANDING AND UTILIZING OSHA SAFETY AND HEALTH REQUIREMENTS

FORMAT: Booklet, 48 pages, 1972

AVAILABILITY: Sale

SOURCE: Kemper Insurance

DESCRIPTION: This booklet is a categorical index of OSHA regulations.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on Occupational Safety and Health Act.

TACKLE IT SAFELY

FORMAT: Booklet, 71 pages, 1974

AVAILABILITY: Sale

SOURCE: NIOSH

DESCRIPTION: This booklet is a rigging handbook and includes rigging terms and definitions, tables concerned with riggings.

CLUSTER RELEVANCE: This material may be used in the following clusters: Marine Science, Agriculture, Manufacturing, and Construction.

MODULE SUITABILITY: This material may be used as a reference in the modules on: ropes, chains, hoists; material hoists; and hoisting apparatus.

TEACHING SAFETY AND HEALTH IN THE WORKPLACE

FORMAT: Booklet, 36 pages, 1976

AVAILABILITY: Sale

SOURCE: OSHA #2255

DESCRIPTION: This booklet is an instructor's guide for teaching safety and health in the workplace. It includes: background, occupational safety and health, teaching versus learning, and making the presentation.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on medical and first aid, and safety standards.

TEN GOOD REASONS TO PROTECT YOUR HANDS

FORMAT: Booklet, 15 pages, 1974

AVAILABILITY: Sale

SOURCE: Channing L. Bete, Inc.

DESCRIPTION: This is an illustrated booklet covering hand safety at work and at home.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on safety standards and personal protective equipment.

THIS IS THE NATIONAL SAFETY COUNCIL

FORMAT: Booklet, 12 pages

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This booklet is a series of questions and answers about the National Safety Council.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference to the module on safety standards.

TOTAL JOB OBSERVATION

FORMAT: Booklet, 11 pages, 1971

AVAILABILITY: Sale

SOURCE: International Safety Academy

DESCRIPTION: This booklet is designed for supervisors to help them evaluate employees performance on the job. It includes the following topics: types of observation, total job observation, benefits of total job observation, responsibilities of higher management, and questions and exhibits.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference to the modules on safety standards and employer and employee rights and responsibilities.

THE TOXICOLOGY OF BERYLLIUM

AUTHOR: Irving R. Tabershaw, Ed.

FORMAT: Booklet, 50 pages, 1972

AVAILABILITY: Single copy, free NIOSH

SOURCE: USGPO 758-263/1364

DESCRIPTION: This booklet discussess beryllium toxicology and covers the following topics: uses and industrial exposures, beryllium diseases, experimental toxicology, recommended environmental limits of exposure, air sampling and analysis, industrial hygiene control, and medical control.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment and Health clusters.

MODULE SUITABILITY: This material may be used as a reference in the modules on toxic and hazardous substances; and handling, using and storing hazardous and flammable materials.

TRAINING REQUIREMENTS IN OSHA STANDARDS

FORMAT: Book, 250 pages, 1979

AVAILABILITY: Prepublication draft

SOURCE: OSHA #2254

DESCRIPTION: This is a training guide for training employees as to OSHA requirements. It includes general industry, maritime, construction and agriculture training requirements; and suggested readings and training materials.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act, and employer and employee rights and responsibilities.

TRAINING REQUIREMENTS OF OCCUPATIONAL SAFETY AND HEALTH REQUIREMENTS

FORMAT: Booklet, 22 pages, 1970

AVAILABILITY: OSHA #2082

SOURCE: USGPO 1973-0-512-381(68)

DESCRIPTION: This booklet is an index and definition of training requirements of OSHA standards.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference to the module on Occupational Safety and Health Act.

TRAINING REQUIREMENTS OF OSHA STANDARDS

FORMAT: Booklet, 63 pages, 1976

AVAILABILITY: Single copy, free OSHA

SOURCE: USGPO 1977-241-0/6:36

DESCRIPTION: This booklet is an index of OSHA training requirements and definitions of the standards.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on Occupational Safety and Health Act.

29CFR PART 1926 - 29CFR PART 1910

FORMAT:	Book, 281 pages, 1979
AVAILABILITY:	Sale
SOURCE:	OSHA - USGPO
DESCRIPTION:	This is the complete regulations of 29CFR1926 and 29CFR1910 published in the Federal Register.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a supplement to the module on Occupational Safety and Health Act.

TWO CURRICULA ACTIVITIES GUIDE

FORMAT:	Book, 300 pages, 1979
AVAILABILITY:	Prepublication draft
SOURCE:	National Institute for Advanced Studies
DESCRIPTION:	This is a health and safety education curriculum activities guide for teachers in middle schools. It includes the following sections: basic concepts, toxic substances, foods, drugs, cosmetics, air pollution, water pollution, noise pollution, fire, and powered equipment.
CLUSTER RELEVANCE:	This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.
MODULE SUITABILITY:	This material may be used as a reference in the modules on: health standards, safety standards, vibration and noise control abatement procedures, toxic and hazardous substances, medical and first aid, fire protection, and electrical power transmission and distribution.

ULTRAVIOLET RADIATION AND THE WORK ENVIRONMENT

FORMAT: Brochure, 1973

AVAILABILITY: Sale

SOURCE: USGPO

DESCRIPTION: This brochure briefly outlines ultraviolet radiation, how it can harm you, controlling exposure, providing ventilation and responsibilities of employer and worker.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on employer and employee rights and responsibilities, ionizing radiation, toxic and hazardous substances, and local exhaust, dust collecting, and ventilation systems.

USING COMPRESSED GASES SAFELY

FORMAT: Poster

AVAILABILITY: Free

SOURCE: Matheson Gas Products

DESCRIPTION: This poster describes safe handling of compressed gases.

CLUSTER RELEVANCE: This material may be used in the following clusters: Manufacturing, Transportation, Construction, Natural Resources and Environment, Hospitality and Recreation, Marine Science, Fine Arts and Humanities, Health, Communication and Media, Public Service, and Agriculture.

MODULE SUITABILITY: This material may be used as a reference in the module on compressed gases and compressed air equipment, use, handling, and storage.

WELDING SAFETY

FORMAT: Flier

AVAILABILITY: Sale

SOURCE: USGPO 1974-659-112

DESCRIPTION: This flier briefly discusses welding hazards, controlling hazards, and responsibility of management and employees.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Public Service, Marine Science, Construction, and Manufacturing.

MODULE SUITABILITY: This material may be used as a reference in the module on employer and employee rights and responsibilities and welding, cutting, and brazing operations in the industrial workplace.

WHAT DO YOU KNOW ABOUT THE WALSH HEALY?

FORMAT:	Pamphlet, 8 pages
AVAILABILITY:	Free, single copy
SOURCE:	OSHA
DESCRIPTION:	This is a discussion of the Walsh Healy regulations regarding industrial noise. Also includes questions and answers relative to this act.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on vibration and noise control abatement procedures.

WHAT EVERY EMPLOYER NEEDS TO KNOW ABOUT OSHA RECORDKEEPING

FORMAT: Pamphlet, 29 pages, 1978

AVAILABILITY: Free

SOURCE: USGPO 1979-281-412-36

DESCRIPTION: This booklet outlines recordkeeping requirements and presents questions and answers section concerning OSHA recordkeeping requirements.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference to the modules on Occupational Safety and Health Act, and employer ane employee rights and responsibilities.

WHAT EVERYONE SHOULD KNOW ABOUT FIRST AID

FORMAT: Booklet, 15 pages, 1975

AVAILABILITY: Sale

SOURCE: Channing L. Bete Co., Inc.

DESCRIPTION: This is an illustrated booklet of first aid principles and practices everyone should know and be able to use until medical assistance is available.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference to the module on medical and first aid.

WHAT ITS LIKE WHEN YOUR ESTABLISHMENT IS SELECTED FOR INSPECTION

FORMAT: Reprint, 8 pages, 1972

AVAILABILITY: Sale

SOURCE: OSHA

DESCRIPTION: This pamphlet is a brief description of a plant inspection tour by an OSHA compliance officer.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the module on Occupational Safety and Health Act.

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WORK INJURY AND ILLNESS RATES

FORMAT: Booklet, 43 pages, 1979

AVAILABILITY: Sale

SOURCE: National Safety Council

DESCRIPTION: This booklet is a compilation of statistics for 1978 of work injury and illness rates.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on health and medical and first aid.

WORKERS RIGHTS UNDER OSHA

FORMAT: Pamphlet, 12 pages, 1975

AVAILABILITY: Single copy, free

SOURCE: USGPO - OSHA #2253

DESCRIPTION: This booklet explains workers rights under OSHA including standards, incpection, contest, responsibilities, discrimination, access to information and state plans.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on Occupational Safety and Health Act and employer and employee rights and responsibilities.

WORKING WITH AMMONIA

FORMAT: Leaflet, 1973

AVAILABILITY: Sale US Dept. HEW HSM 73-11003

SOURCE: NIOSH

DESCRIPTION: A description of ammonia, how it is used, how it affects the body, controlling its hazards, and employer and employee responsibilities.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on: employer and employee rights and responsibilities, industrial housekeeping, medical and first aid, industrial sanitation, materials handling, health standards, safety standards, personal protective equipment, toxic and hazardous substances, handling, using, or storing hazardous and flammable materials, working in confined spaces, and storage and disposal of hazardous materials and waste.

WORKING WITH CHLORINE

FORMAT:	Flier, 1973
AVAILABILITY:	US Dept. HEW HSM 73-110004
SOURCE:	NIOSH
DESCRIPTION:	This flier is a description of chlorine, how it is used, how it affects the body, controlling hazards, and employer and employee responsibilities.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on: employer and employee rights and responsibilities; industrial housekeeping; medical and first aid; industrial sanitation; materials handling; health standards, safety standards; personal protective equipment; unique standards for farm, ranch and agriculture industries; toxic and hazardous substances; handling, using, or storing hazardous and flammable materials; working in confined spaces; and storage and disposal of hazardous materials and waste.

WORKING WITH CUTTING FLUIDS

FORMAT: Leaflet

AVAILABILITY: Sale - USGPO 1973-756-385/120 HSM 71-10252

SOURCE: NIOSH

DESCRIPTION: This leaflet provides a discussion of what cutting fluids are, how they are used, how they may affect you and employer and employee responsibilities.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Hospitality and Recreation, Personal Services, Transportation, Natural Resources and Environment, Marine Science, Manufacturing, Construction, and Public Service.

MODULE SUITABILITY: This material may be used as a reference in the modules on: employer and employee rights and responsibilities; medical and first aid, materials handling, fire protection; unique standards for farm, ranch and agriculture industries; machine tools and woodworking machinery; compressed gases and compressed air equipment, use, handling, and storage; toxic and hazardous substances; welding, cutting, and brazing operations in the industrial workplace; handling, using or storing hazardous and flammable materials; machinery and machine guarding; and storage and disposal of hazardous materials and waste.

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WORKING WITH FORMALDEHYDE

FORMAT: Leaflet, 1975

AVAILABILITY: Dept. HEW - sale

SOURCE: NIOSH

DESCRIPTION: This leaflet provides a discussion on formaldehyde, how it is used, how it can affect you, hazards, and employer and employee responsibilities.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a reference in the modules on: employer and employee rights and responsibilities; industrial housekeeping; medical and first aid; industrial sanitation; materials handling; health standards; safety standards; personal protective equipment; unique standards for farm, ranch, and agriculture industries; toxic and hazardous substances; handling, using, or storing hazardous and flammable materials; working in confined spaces; and storage and disposal of hazardous materials and waste.

YOU MAKE THE DIFFERENCE

FORMAT: Book, 250 pages, 1980

AVAILABILITY: Sale

SOURCE: Interagency Regulatory Liaison Group

DESCRIPTION: This book is a guide constructed to lead students through a progression of discoveries toward the recognition that, in various spheres of their lives and in relation to various types of potential hazards, they can -- and inevitably will -- make the difference between safety and harm.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used as a referenced in the module on safety standards.

Section 4

NONPRINT MATERIALS

ACCIDENT PREVENTION THROUGH EQUIPMENT GUARDING

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #863

DESCRIPTION: This film starts showing conveyors running for miles using rolls, gears and drive belts. Shows first what protective clothing should be worn by women and men around conveyors. Then it shows required guard rails and safety chains around catwalks. Gives examples of how to install lubrication points properly to protect oiler and shows how to properly guard hydraulic and pneumatic presses.

CLUSTER RELEVANCE: This film may be used in the following clusters: Agriculture, Public Service, Marketing and Distribution, Construction, Transportation, and Manufacturing.

MODULE SUITABILITY: This film may be used in the module on machinery and machine guarding.

THE AIR WE BREATHE IN INDUSTRY

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #841

DESCRIPTION: The film shows the requirement for "oxygen" in our breathing system and explains what happens when the oxygen content in the air falls below 20%. What CO_2, carbon monoxide, and other gases will do to the human body when it displaces oxygen are explained. Also shown are the effects of the various types of dust on the human lungs, and the mechanics of respiration in the human body.

CLUSTER RELEVANCE: This film may be used in the clusters on Agriculture, and Natural Resources and Environment.

MODULE SUITABILITY: This may be used as a reference in the modules on industrial and grain elevator dust hazards, and health standards.

ANATOMY OF ELECTRIC SHOCK

FORMAT: Filmstrip, 35mm color, 12 minutes w/sound (33 1/3 rpm phono record

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Presents facts about electric shock, especially low-voltage shocks. Discusses ventricular fibrillation, paralysis of the respiartory system, and burns caused by different current values.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on medical and first aid.

AND THEN THERE WERE NONE

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film illustrates the hazards and exposures encountered by a longshoreman or dock worker in the loading and unloading of ships and barges. Hazards of both breakbulk loading and container terminals are shown. This film stresses the need for personal awareness and caution with respect to hazards in order to avoid accidents. The graphic depiction of the results of accidents has considerable shock value to create an awareness of the need for safety in materials handling. The film could also be utilized for any organization where materials handling is a major factor, such as in warehousing or terminals.

CLUSTER RELEVANCE: This film may be used in the clusters on Marketing and Distribution, Transportation, and Marine Science.

MODULE SUITABILITY: This film may be used with the modules on: marine and longshoring operations; mobile and fixed mechanical storage and retrieval equipment for warehouses; operating commerical vehicles; ropes, chains and slings; and hoisting apparatus (stationary and mobile), elevators (material and personnel).

ASSUME NOTHING

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #859

DESCRIPTION: Film shows an accident in a mine where a miner is injured in a collapse of a roof support. It then shows the detailed way a safety team conducts a safety investigation, conducting interviews of fellow workers and interviews at the site of the accident. A meeting is held with the workers to point out failure of the worker.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: May be used in the modules on employer and employee rights and responsibilities and safety standards.

AUTOVATION

FORMAT: Filmstrips and cassettes, 1978

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This unit is designed to motivate students to seek careers in automobile mechanics. Shows refurbishing of classic cares and auto body shop work, and emphasizes the motivation necessary for three occupations.

CLUSTER RELEVANCE: This film may be used in the Transportation cluster.

MODULE SUITABILITY: This film may be used with the modules on hand and portable power tools, and welding, cutting, and brazing operations in the workplace.

BE A PRO

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Hyster Company (Order from Material Handling Institute)

DESCRIPTION: A well-made film which is outstanding in point out "safety requirements" for training industrial truck operators.

CLUSTER RELEVANCE: This film may be used in the following clusters: Manufacturing, Transportation, Construction, Natural Resources and Environment, Marine Science, Marketing and Distribution, Personal Service, Public Services and Agriculture.

MODULE SUITABILITY: This film may be used with the module on powered industrial trucks.

A BETTER LIFE: SAFETY ATTITUDE

FORMAT: Film, 13 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: In high hazard jobs, safety is a way of life - a better life. To a victim, an accident is something unavoidable. He, therefore, looks for someone else to blame. This is a problem with attitude. We must assume responsibility for our behavior. Eighty-five percent of all accidents are controllable, or could have been avoided. Wrong attitudes foster wrong responses. Safety is a state of mind. Are you in control?

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on employer and employee rights and responsibilities.

THE BIG LIFT

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: The Hyster Co.

DESCRIPTION: A new film that demonstrates the use of fork lifts within a large warehousing company. Examples are given to demonstrate the need of training programs for industrial truck operators, and also shows many examples of accidents that can happen as result of poor training programs. A "truck driving derby" is also shown in the film stressing safe driving habits.

CLUSTER RELEVANCE: This film may be used in the following clusters: Agriculture, Natural Resources and Environment, Construction, Transportation, and Manufacturing.

MODULE SUITABILITY: This film may be used with the module on powered industrial trucks.

301

BLEVE

FORMAT: Film, 16mm color, 17 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Boiling Liquid Expanding Vapor Explosion explains and graphically shows basic problems of a BLEVE. Shows that a BLEVE can happen in any community - wherever flammable liquids and flammable liquified gases are stored or where they are transported by truck or train. BLEVE fireballs and flying missiles have destroyed buildings, endangered the lives of employees, firefighters and the public at great distances.

CLUSTER RELEVANCE: This film may be used in the following clusters: Agriculture, Public Services, Communication & Media, Health, Home Economics Related Occuaptions, Business and Office, Marketing and Distribution, Marine Science, Hospitality and Recreation, Natural Resources and Environment, Construction, Transportation and Manufacturing.

MODULE SUITABILITY: This film may be used with the modules on fire protection, compressed gases and compressed air equipment, use, handling, and storage, and handling, using, or storing hazardous and flammable materials.

302

BREATHE AND LIVE: VENTILATION METAL AND NON-METAL MINES

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #845

DESCRIPTION: Film shows numerous accidents in underground mines as the result of oxygen-deficient air. Illustrates the ventilation and exhaust systems required for underground work. Diagrams and sketches of proper ventilation systems are reviewed. Film impresses the view with the necessity of management to take constant instrument readings, and one cannot depend on the average man's senses to tell when an area is oxygen deficient.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the module on local exhaust, dust collecting and ventilation systems.

CABS AND CANOPIES FOR YOUR SAFETY

FORMAT: Film, 16mm color

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #854

DESCRIPTION: Shows the conducting of tests to determine the type and strength of canopies by "drop test" required to protect industry vehicle operators in the mining industry. Shows interviews of operators who have been in accidents and who have had canopies on their vehicles and were saved from injury. A very impressive film of an outstanding safety innovation of the mining industry.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This may be used with the module on mechanized off-road equipment, including rollover bars and overhead structures.

CAREERS WITH FUTURES, PIPEFITTING

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Brown & Root

DESCRIPTION: Film illustrates the art of pipe fitting in heavy construction. It describes the skill required and shows how the men are trained.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This may be used with the module on welding, cutting, and brazing operations in the industrial workplace.

CARRIER OR KILLER

FORMAT: Film, 16mm color, 28 minutes

AVAILABILITY: Loan

SOURCE: EDCOM Productions

DESCRIPTION: This film on trucking safety deals with alcohol and pill accidents. It covers highway driving safety and is excellent for showing what happens when trucker ignores good driving procedures.

CLUSTER RELEVANCE: This film may be used in the following clusters: Marketing and Distribution, Transportation, Natural Resources and Environment, Construction, and Public Services.

MODULE SUITABILITY: This film may be used with the module on operating commercial vehicles.

305

CAUSES AND PREVENTION OF MINE FIRES AND EXPLOSIONS

FORMAT: Film, 16mm color, 28 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #811

DESCRIPTION: An older but very effective film on fighting coal mine fires. The film describes the use of foam machines in putting out fires. It gives many examples of methane gas and coal dust interacting to cuase explosions.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This may be used with the modules on fire protection and industrial and grain elevator dust hazards.

CHECK LIST

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: Cummins Diesel Engine

DESCRIPTION: This film is about safety in the workplace for mechanics, automotive and mechanical personnel. Topics covered include: chemical dip tanks, welding eye damage, examples of safety glasses, examples of horse play, improper tool use and resulting infection, improper lifting (hernia) of engine, and safety around a dyno.

CLUSTER RELEVANCE: This film may be used with the Transportation and Manufacturing clusters.

MODULE SUITABILITY: This film may be used with the modules on materials handling, personal protective equipment, and hand and portable power tools.

CHEMICAL LAB SAFETY

FORMAT: Film, 16mm color, 25 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film depicts several simulated chemical laboratory accidents and makes suggestions for their prevention. Discusses general precautions in routine laboratory activities.

CLUSTER RELEVANCE: This film may be used in the Manufacturing cluster.

MODULE SUITABILITY: This film may be used with the modules on compressed gases and compressed air equipment, use, handling, and storage; toxic and hazardous substances; handling, using, or storing hazardous and flammable materials; and safety standards.

CODE 1001

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Training film for all personnel in hospitals, nursing homes, and mental care facilities. Deals with evacuation or relocation of patients in event of a fire or disaster.

CLUSTER RELEVANCE: This film may be used in the Health cluster.

MODULE SUITABILITY: This film may be used with the modules on life safety code, and fire protection.

COLOR FOR SAFETY

FORMAT:	Film, 16mm color, 20 minutes
AVAILABILITY:	Loan
SOURCE:	US Bureau of Mines, #812
DESCRIPTION:	This is a general film on how colors are used in industry. It does not, however, stress the OSHA color code system. It illustrates how the six basic colors can be used in mining, chemical and machinery industries.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on safety color codes.

THE COLOR OF DANGER

FORMAT:	Film, 16mm color, 16 minutes
AVAILABILITY:	Loan
SOURCE:	Travelers Film Library
DESCRIPTION:	It dramatizes proper safety techniques of operating fork-lift trucks in a variety of conditions. Professional stunt men portray the consequences of unsafe operating practices. This is an excellent film to supplement fork-lift operator training.

CLUSTER RELEVANCE: This film may be used in the following clusters: Marine Science, Personal Services, Agriculture, Construction, Manufacturing, Transportation, Marketing and Distribution, Public Services, and Natural Resources and Environment.

MODULE SUITABILITY: This film may be used with the modules on powered industrial trucks, and operating commercial vehicles.

CONFINED SPACE HAZARDS

FORMAT:	Film, 16mm color, 20 minutes
AVAILABILITY:	Loan
SOURCE:	Employers of Wausau
DESCRIPTION:	The film shows workers properly preparing to enter a large tank with all the necessary safety equipment on the men or on hand for emergency use. A very important safety effort shows the company safety technician, taking samples of toxic fumes and oxygen levels in the area and tank. Once he has completed his inspection, he looks over the safety equipment for serviceability and suitability and then signs the hazard work permit for the men to start working.

CLUSTER RELEVANCE: This film may be used in the following clusters: Construction, Public Services, Marine Science, Natural Resources and Environment.

MODULE SUITABILITY: This film may be used with the modules on working in confined spaces, personal protective equipment, and toxic and hazardous substances.

CONVEYOR BELTS - BE CAREFUL

FORMAT: Film, 16mm color, 18 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #836

DESCRIPTION: This film presents conveyor operation in various industries, highlighting the following: preventive maintenance, cross overs, basic hazards, accidents and why they occurred, safety features, electrical safety.

CLUSTER RELEVANCE: This film may be used in the following clusters: Agriculture, Public Services, Marketing and Distribution, Marine Science, Natural Resources and Environment, Construction, Transportation and Manufacturing.

MODULE SUITABILITY: This film may be used with the modules on electrical safety and mobile and fixed mechanical storage and retrieval equipment for warehouses.

COOKING SAFETY

FORMAT: Audio-visual filmstrip and cassette, 1978

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This program offers a humorous approach to safety and sanitation guidelines in the home kitchen.

CLUSTER RELEVANCE: This film may be used in the Home Economics Related Occupations cluster.

MODULE SUITABILITY: This may be used with the module on health standards.

CRANING WITH CONFIDENCE

FORMAT: Film, 16mm color, 17 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film reviews basic points of setting up a crane, how to read and use the load chart, and how to determine when the crane might tip or break. Principles of the fulcrum and the centers of gravity as they relate to safe operations are discussed.

CLUSTER RELEVANCE: This film may be used in the following clusters: Marketing and Distribution, Natural Resources and Environment, Construction, Public Services, Agriculture, Marine Science, Transportation, and Manufacturing.

MODULE SUITABILITY: This film may be used with the modules on material hoists (fixed and mobile) overhead cranes and their attachments, and hoisting apparatus (stationay and mobile), elevators (material and personnel).

DANGER ALIVE

FORMAT: Film, 16mm color, 25 minutes

AVAILABILITY: Loan

SOURCE: Construction Safety Association of Ontario

DESCRIPTION: This film is about electrical safety in the construction industry. It demonstrates the use of the explosive tool for putting bolts into cemet and cinder blocks. It stresses the job of a foreman in enforcing safety. Also shown is an electrician overcome from electrical shock, and what his fellow workers did to revive him.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used with the modules on employer and employee rights and responsibilities, medical and first aid, and hand and portable power tools.

DINING ROOM SAFETY

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: Employers of Wausau

DESCRIPTION: A film showing the importance of safety in a dining room. Numerous accidents are shown happening from such things as disregarding instructional safety signs in the kitchen. Shows waiters disregarding safety procedures while waiting customers in the dining room.

CLUSTER RELEVANCE: This film may be used in the Hospitality and Recreation and Home Economics Related Occupations clusters.

MODULE SUITABILITY: This film may be used with the modules on safety standards and employer and employee rights and responsibilities.

DON'T LET HIM DIE

FORMAT: Film, 16mm color, 22 minutes

AVAILABILITY: Loan

SOURCE: Red Cross

DESCRIPTION: This film shows life saving and is a bit "bloody" but shows how to save the human life. Describes procedures for dealing with 1) shock, 2) open wound bleeding, 3) stopped heart, 4) drowning. Excellent film on how to handle people who have been in an accident or suffering from shock.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on medical and first aid.

DON'T PUSH YOUR LUCK

FORMAT: Film, 16mm color, 13 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: A new film of the National Society for the Prevention of Blindness. This film points out the eye hazards in shops and plants and portrays the specific eye safety equipment for each.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on personal protective equipment.

DOWN TO EARTH

FORMAT: Film, 16mm color, 18 minutes, 1971

AVAILABILITY: Loan

SOURCE: BNA Communications, Inc.

DESCRIPTION: This is a film on construction electrical safety. It is a humorous story of "Tough Foreman" trying to make "Joe" shape up. In the end he is disposed of as a result of his poor safety practices.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used in the module on electrical safety.

DUEL WITH FIRE

FORMAT: Film, 16mm color, 28 minutes

AVAILABILITY: Loan

SOURCE: Modern Talking Picture Service, #30448

DESCRIPTION: This is an excellent film showing how the labs test fire resistant material.

CLUSTER RELEVANCE: This film may be used in the Manufacturing cluster.

MODULE SUITABILITY: This film may be used with the module on fire protection.

THE EFFECTS OF CARBON MONOXIDE ON HUMAN PERFORMANCE

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: RHR Filmedia, Inc. #TF114

DESCRIPTION: This film presents the actions and results of major universities' laboratory tests of the effects of carbon monoxide on human performance. It is an excellent film for training industrial hygienists, however, it is very technical in nature.

CLUSTER RELEVANCE: This film may be used in the Health cluster.

MODULE SUITABILITY: This may be used with the modules on medical and first aid and toxic and hazardous substances.

ELECTRICAL EQUIPMENT - MASTER OR SERVANT

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #835

DESCRIPTION: An excellent film about flammable and explosive atmosphere and the types of explosive switches and fixtures required. The extensive testing that goes on by the Bureau of Mines and the Underwriters Laboratory is described. Film gives an excellent demonstration of the danger of the average flashlight. It explains in detail the three hazardous locations, Class I, II and III. Explosive dust demonstrations are especially good.

CLUSTER RELEVANCE: This film may be used with the following clusters: Natural Resources and Environment, Manufacturing, Agriculture and Construction.

MODULE SUITABILITY: This film may be used with the modules on industrial and grain elevator dust hazards and handling, using, or storing hazardous and flammable materials.

ELECTRICAL HAZARDS IN UNDERGROUND MINING

FORMAT: Film, 16mm color, 13 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #857

DESCRIPTION: Film gives examples of workers performing unsafe acts in handling power and extension cables in underground area. It describes trolley taps, how they operate and the safety precautions that must be used when working with them. It also shows the errors that are made by electricians while working on this type of equipment.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the module on electrical safety.

ELECTRICAL LOCK-OUT PROCEDURES

FORMAT: Film, 16mm color, 16 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #864

DESCRIPTION: This is an outstanding electrical film, depicting required lock-out procedures performed by electricians working in maintenance. It gives many examples of why it must be done and depicts realistic examples of what can happen when it is not done.

CLUSTER RELEVANCE: This film may be used in the Construction, Manufacturing and Public Services clusters.

MODULE SUITABILITY: This film may be used with the module on electrical safety.

EVERYTHING TO LOSE

FORMAT: Film, 16mm color, 21 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: The consequences of ignoring plant safety rules are graphically portrayed by professional stunt men. This film shows one character playing "Russian Roulette" - the odds he accepts are not far from those accepted by the safety rule breaker.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on employer and employee rights and responsibilities and powered industrial trucks.

EXCAVATING

FORMAT: Film, 16mm color, 10 minutes, 1971

AVAILABILITY: Loan

SOURCE: BNA Communications, Inc.

DESCRIPTION: This film gives some common errors in excavation committed by construction workers. It explains methods for shoring excavation walls, stacking materials, preventing trucks from running into excavations and preventing falls.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used in the module on excavating, trenching and shoring.

EXTINGUISH THAT FIRE

FORMAT: Film, 16mm color, 24 minutes, 1976

AVAILABILITY: Loan

SOURCE: US Information Service - Cinesound Co.

DESCRIPTION: A film showing fire extinguishers, especially the dry chemical powder type being used. It has good coverage of how to extinguish a metal fire. The film illustrates people using the different types of extinguishers on the various classes of fires.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on fire protection.

FACE VENTILATION IN UNDERGROUND COAL MINES

FORMAT: Film, 16mm color, 17 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #866

DESCRIPTION: This film includes a discussion of ventilation practices used at point of operation in coal mining. Discussed are practical methods for gas and dust removal.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used in the modules on industrial and grain elevator dust hazards and local exhaust, dust collecting and ventilation systems.

FACTS ABOUT BACKS

FORMAT: Film, 16mm color, 14 minutes

AVAILABILITY: Loan

SOURCE: Bell Films

DESCRIPTION: This film describes how the spine and back function. It also shows the ways that people abuse the back. Film demonstrates proper lifting methods. Outstanding for use in discussions of physical hazard safety.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on materials handling.

FAMILY FIRE SAFETY

FORMAT: Film, 16mm color, 16 minutes

AVAILABILITY: Loan

SOURCE: Modern Talking Picture Service #31387

DESCRIPTION: This film shows the flammability of the various types of cloth and fabrics. Gives actual demonstrations of the flammability of all types of fabrics. An informative film demonstrating the need for caution when selecting fabrics to reduce dange of fires.

CLUSTER RELEVANCE: This film may be used in the Home Economics Related Occupations cluster.

MODULE SUITABILITY: This may be used with the modules on fire protection and personal protective equipment.

FEELING OF FALLING

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: Modern Talking Picture Service

DESCRIPTION: This is a good film on slips and falls around the house and what can be done to avoid them.

CLUSTER RELEVANCE: This may be used in the Home Economics Related Occupations cluster.

MODULE SUITABILITY: This film may be used with the module on walking-working surfaces.

FIGHTING COAL-MINE FIRES

FORMAT: Film, 16mm color, 25 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #805

DESCRIPTION: This film shows the use of large amounts of foam and its effects on fires. It explains how combustibles and dusts can cause fires in mines. Stresses how friction on equipment belts and electric motors are the causes of many coal mine fires. Demonstrations of portable fire extinguishers used on Class A, B, and C fires are given. Film warns against "carbonated" extinguishers use. Excellent explanation of foam.

CLUSTER RELEVANCE: This may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the modules on fire protection and industrial and grain elevator dust hazards.

FIGHTING TANK FIRES

FORMAT: Film, 16mm color, 30 minutes

AVAILABILITY: Loan

SOURCE: Standard Oil Co. of California

DESCRIPTION: This training film presents the correct methods of fighting fuel storage tank fires. Firemen using water fog hoses demonstrate the proper method to cool tanks. Also shown are the pop-off valves and how the correct size is determined. Scenes from accidents illustrate the result of excess pressures in tanks.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on fire protection.

FIRE - CAUSES FOR ALARM

FORMAT: Film, 16mm color, 12 1/2 minutes

AVAILABILITY: Loan

SOURCE: Association of Films, Dallas

DESCRIPTION: Film describes the dangers of various unsafe smoking habits. It demonstrate the office extinguisher.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on fire protection.

FIRE FIGHTING IN THE MINERAL INDUSTRY

FORMAT: Film, 16mm, 12 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #827

DESCRIPTION: Film is old and concentrates on fires in the mines. The use of water type, soda and acid and forma extinguishers is demonstrated. The CO_2 extinguisher's use on electrical fires is explained.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the module on fire protection.

FIRE HAZARDS IN BUILDING CONSTRUCTION

FORMAT: Film, 16mm black and white, 15 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Pertains to hazards involved in heating by means of salamander stoves and the use of welding equipment - the stacking of flammable materials and the fact that, despite the building being only concrete and steel, there are still many systems or outlets available to the fire department to fight any fire that might start.

CLUSTER RELEVANCE: This may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used in the module on fire protection.

FIRE SAFETY

FORMAT: Audio/visual filmstrip and cassette, 1978

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: Emphasizes the fire safety hazards in a typical school shop, class or other classroom. Provides information on fire prevention, escape procedures and use of fire extinguishers.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on fire protection.

FIRST THINGS FIRST

FORMAT:	Film, 16mm color, 25 minutes
AVAILABILITY:	Loan
SOURCE:	US Bureau of Mines, #830
DESCRIPTION:	This film is an introduction into the reasons for first aid training in the mines. It shows the various types of first aid for shock (physical) and bleeding. Pressure points are pointed out. An actual accident in an underground mine and how the injured man received first aid by company trained men is shown.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on medical and first aid.

FLAME PROPAGATION

FORMAT:	Film, 16mm color, 20 minutes
AVAILABILITY:	Loan
SOURCE:	Travelers Film Library
DESCRIPTION:	Demonstrates how flame travels through a flammable mixture in a confined space. Those who see this film should come away with a greater appreciation of safe practices recommended for flammable atmosphere. Discusses electrical fixtures and equipment and proper maintenance.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on fire protection, and handling, using, or storing hazardous and flammable materials.

FLAMMABLE LIQUID FIRE SAFETY

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Characteristics of flammable liquids are shown so that the employee can see how hazardous situations develop. Shows the right way to handle the liquids and the absolute importance of using safety containers and approved equipment.

CLUSTER RELEVANCE: This film may be used in the following clusters: Manufacturing, Agriculture, Public Service, Transportation and Health.

MODULE SUITABILITY: This may be used with the modules on materials handling, fire protection; handling, using, or storing hazardous and flammable materials; and storage and disposal of hazardous materials and waste.

FLAMMABLE LIQUIDS CONTROL

FORMAT:	Film, 16mm color, 2C minutes
AVAILABILITY:	Loan
SOURCE:	Film Communication
DESCRIPTION:	This is an excellent film on flammable liquids, the hazards, and how to overcome them. It illustrates proper bonding and grounding for containers and demonstrates the proper type of safety that should be used. Film presents numerous hazards in handling flammable liquid and the proper way to prevent fires. It gives an excellent example of static electricity and how deadly it can be. Film also discusses the various types of fixed fire systems, installed in areas where flammables are stored or used. Particularly interesting is the demonstration of how a sprinkler system can reduce the intensity of a flammable liquid fire.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on fire protection, electrical safety, and handling, using, or storing hazardous and flammable materials.

FOOD SERVICE SAFETY

FORMAT: Audio-visual filmstrips and cassettes, 1978

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This program offers a humorous approach to safety and sanitation requirements in a commercial kitchen.

CLUSTER RELEVANCE: This film may be used in the Personal Services cluster.

MODULE SUITABILITY: This may be used with the modules on health standards and machinery and machine guarding.

FOR GOOD SOUND REASONS

FORMAT: Film, 16mm color, 18 minutes

AVAILABILITY: Loan

SOURCE: West Glen Films

DESCRIPTION: Film shows how a person working in a steel foundry for years, becomes used to the noise when actually he is becoming deaf. He develops the habit of talking loudly because of the affliction. The film gives the sound levels of the various machines in an industrial plant. Explains the various types of ear protection and shows instruments that can be placed on workers to determine noise levels.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: May be used in the module on personal protective equipment.

FRONT-END LOADER SAFETY

FORMAT: Film, 16 mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #862

DESCRIPTION: Film begins with a scene of an inexperienced driver turning over. It then goes into such unsafe practices as lifting men to perform work on a pole. It stresses that persons should never be allowed to ride in buckets and shows some realistic accidents of what might occur. Actual accidents demonstrate what will result when walls or banks are not properly sloped. The proper method of instructing drivers is presented.

CLUSTER RELEVANCE: This film may be used in the following clusters: Agriculture, Public Services, Construction, Manufacturing, and Natural Resources and Environment.

MODULE SUITABILITY: This film may be used with the module on powered industrial trucks.

THE GRIM STATISTICS

FORMAT: Film

AVAILABILITY. Loan

SOURCE: Employers of Wausau

DESCRIPTION: This is a film dealing with safety in working with heavy construction equipment. The film shows how the following can result in accidents and death: hurry and inexperience, panic, no looking behind as well as ahead, failure to make repairs to equipment known to be defective; working too close to stock pile edges. The film stresses that getting top performance from a machine does not mean taking dangerous short cuts in an attempt to save seconds.

CLUSTER RELEVANCE: This film may be used in the following clusters: Construction, Manufacturing, Public Services, Natural Resources and Environment, and Marketing and Distribution.

MODULE SUITABILITY: This film may be used with the modules on operating commercial vehicles and powered industrial trucks.

GRINDER, BUFFER, DRILL PRESS AND HAND TOOL SAFETY
LATHE SAFETY
MILLING MACHINE SAFETY

FORMAT: Audio-visual (3 parts)

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This audio-visual program is divided into three parts and each is described below.

Part A shows the safety hazards in a typical machine/metal shop or automobile shop. It teaches proper use of the grinder, buffer, drill press, and hand drill.

Part B offers closeup photography of safety techniques when using the lathe.

Part C demonstrates safety techniques when using the milling machine.

CLUSTER RELEVANCE: This material may be used in the following clusters: Construction, Manufacturing, Public Services, and Agriculture.

MODULE SUITABILITY: This film may be used in the modules on hand and portable power tools; welding, cutting, and brazing operations in the industrial workplace; machinery and machine guarding, and machine tools and woodworking machinery.

GUARD DUTY

FORMAT:	Film, 16mm color, 12 minutes
AVAILABILITY:	Loan
SOURCE:	Employers of Wausau
DESCRIPTION:	Film shows a young safety engineer preparing a safety lecture. He carries on a conversation while explaining the "Rube Goldberg" training aid he has developed, showing various types of hazards. This film depicts a series of hazards that require guarding.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on safety standards and machinery and machine guarding.

THE HAND-TRAP TEST

FORMAT: Film, 16 mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This film shows various hazards and the exposed conditions of hands. It then quizzes the students by having them select or find hazardous conditions in a given situation.

CLUSTER RELEVANCE: This film may be used with the following clusters: Agriculture, Public Service, Marketing and Distribution, Construction, Transportation and Manufacturing.

MODULE SUITABILITY: This film may be used with the module on machinery and machine guarding.

HANDLING DANGEROUS CHEMICALS, ACIDS

FORMAT: Film, 10 minutes

AVAILABILITY: Loan

SOURCE: Centron Educational Films

DESCRIPTION: This film describes the proper methods for handling acids in the laboratory.

CLUSTER RELEVANCE: This film may be used in the Manufacturing cluster.

MODULE SUITABILITY: This may be used with the module on handling, using, or storing hazardous and flammable materials.

HANDLING LP GAS EMERGENCIES

FORMAT: Film

AVAILABILITY: Loan

SOURCE: Standard Oil Co. of California

DESCRIPTION: The film describes the general qualities of LP gas, both propane and butane. The hazards that one faces in their use are explained. Actual fires in homes and company areas are shown. The proper methods for fighting these fires are demonstrated. An excellent film for teaching fire fighting techniques to students.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules of fire protection, compressed gases and compressed air equipment, use, handling, and storage, and handling, using, or storing hazardous and flammable materials.

HAZARD RECOGNITION

FORMAT: Audio-Visual, also book, 250 pages

AVAILABILITY: Rent, purchase

SOURCE: Ohio State University

DESCRIPTION: This guide summarizes the content of the slide-tape presentation compiled by Ohio State University for the Department of Labor in the following areas: cranes and hoists, electricity, flammable liquids, hazardous substances, ladders, material handling, material handling vehicles, mechanical safeguarding, noise, protective equipment, scaffolds, spray booths, and dip tanks, tools, trenching, ventilation, walking-working surfaces; welding and worker's rights. Included are objectives, worksheets, reference materials and an outline for OSHA standards for each topic.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This audio-visual may be used with all modules being developed in this program.

A HEAD IN SAFETY

FORMAT: Film, 16mm color, 8 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film shows the types of head protection equipment available to the natural gas utility and other industries. It illustrates some of the accessories that may be used with head protection to provide protection for the face, eyes and ears.

CLUSTER RELEVANCE: This film may be used in the Public Services cluster.

MODULE SUITABILITY: This material may be used with the module on personal protective equipment.

HEARING CONSERVATION

FORMAT: Film, 16mm color, 21 minutes

AVAILABILITY: Loan

SOURCE: International Film Bureau

DESCRIPTION: This film discusses the effects of noise on hearing. The engine room of a ship is used as an example. The decibel is described and noise readings are taken in the engine room. Various methods for reducing the noise levels are described at the source. Personal hearing protection is illustrated using muff and ear plugs. The effectiveness of these methods are plotted on a graph.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This may be used in the modules on personal protective equipment and vibration and noise control abatement procedures.

HEY MAN, YOU'RE IT

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: A safety film on construction safety programs at the work site. Most of the unsafe acts and accidents are caused by careless acts by employees and accident prone wrokers are not tolerated very long on the job. The film shows many examples of unsafe acts that are performed by workers.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This may be used with the module on safety standards.

THE HIGH AND LOW BID

FORMAT: Film, 16mm color, 28 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: Accidents in the construction industry are shown such as a man buried from poor bracing and shoring of loose gravel and improper sloping. The cost benefits of proper safety practices are stressed by hitting on the high cost of insurance and the high cost of uninsured damages.

CLUSTER RELEVANCE: This film may be used in the Construction and Natural Resources and Environment clusters.

MODULE SUITABILITY: This film may be used with the module on excavating, trenching and shoring.

HOUSEKEEPING MEANS SAFEKEEPING

FORMAT: Film, 16 mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: Journal Films, Inc. - National Safety Council

DESCRIPTION: This film shows the need for good housekeeping in an industrial plant. It describes workers' indifference to keeping the work place clean.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on industrial housekeeping.

HOW TO AVOID MUSCLE STRAINS
(Spanish Version)

FORMAT: Film, 16mm black and white, 15 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film deals with the physiology of that part of the body involved when engaged in lifting. Shows by cartoon drawings how the muscles involved react and where located. This gives the viewer a better understanding of what goes on in his own body when he lifts and why it should be done properly and safely.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on materials handling.

HOW TO WELD

FORMAT: Film, 16mm color, 18 minutes

AVAILABILITY: Loan

SOURCE: Association of Films, SU-114-105

DESCRIPTION: The proper techniques to be used in welding the US steels T-1 are demonstrated stressing the importance of using the right type electrodes and proper level of hydrogen. Film depicts safe ways to keep electrodes dry and away from moisture and demonstrates the type of ovens to be used to dry them out. It gives all the safety precautions that should be taken in welding.

CLUSTER RELEVANCE: This film may be used in the Construction and Manufacturing clusters.

MODULE SUITABILITY: This may be used with the module on welding, cutting, and brazing operations in the industrial workplace.

IF ITS NOT TOO LATE

FORMAT: Film, 16 mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: International Film Bureau

DESCRIPTION: This film presents a lecture on safety stressing "loss control," how to protect all people from accidents, and how to reduce accidents. It shows the organization of "Loss Control Team."

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on employer and employee rights and responsibilities.

IF YOU HEAR THE EXPLOSION, THE DANGER HAS PASSED

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This is a humorous, fast moving, general safety film which strongly emphasizes the basics and good sense of accident prevention.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on safety standards.

IN SEARCH OF THE FACTS

FORMAT:	Film, 16mm color
AVAILABILITY:	Loan
SOURCE:	US Bureau of Mines, #860
DESCRIPTION:	This film shows an equipment operator, killed while operating a front-end loader. The procedures to be followed in conducting a formal accident investigation are described. This film highlights the proper way to inverview witnesses of accidents. It demonstrates on the spot investigation, the follow-up detail investigation and lastly formal round table discussion.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on employer and employee responsibilities and safety standards.

THE INSIDE STORY

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: A 1969 film by Atlas Powder Company that explains in detail how the various explosive charges are placed in quarrying, construction, and mining. Compares the latest techniques that have been developed to control the movement of the dirt and rocks in order to protect buildings, housing areas, and other places of habitat.

CLUSTER RELEVANCE: This film may be used in the Construction and Natural Resources and Environment clusters.

MODULE SUITABILITY: This film may be used in the modules on use, storage, transportation and security of blasting and explosive materials and demolition procedures.

INSPECTION TOUR

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Demonstrates a Federal compliance inspection under the William-Steiger Occupational Safety and Health Act of 1970. It covers the initial contact with the person in charge, meeting with people who are to accompany the compliance officer, the walkaround inspection, the exit interview, and consultation with the area director on the results of the inspection. The film also indicates the options available to the employer in the event he contests a citation for violation of the Act.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on Occupational Safety and Health Act, and employer and employee rights and responsibilities.

INTERNATIONAL HAND SIGNALS

FORMAT: Film, 16mm, 12 minutes

AVAILABILITY: Loan

SOURCE: Construction Safety Association of Ontario

DESCRIPTION: This film discusses approved hand signals for use on and around construction sites, where hearing is difficult.

CLUSTER RELEVANCE: This may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used in the module on safety standards.

INTRODUCTION TO AUTO SHOP SAFETY

FORMAT: Audio-visual filmstrip and cassette, 1977

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This program presents guidelines for preventing on-the-job injuries in an automobile repair shop.

CLUSTER RELEVANCE: This program may be used in the Transportation cluster.

MODULE SUITABILITY: This film may be used with the modules on hand and portable power tools and welding, cutting, and brazing in the industrial workplace.

INTRODUCTION TO ELECTRICITY/ELECTRONICS SHOP SAFETY

FORMAT: Audio-visual filmstrips and cassettes, 1978

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: Gives introductory safety guidelines for the beginning electricity or electronics shop student. Emphasizes the safety hazards in a typical school electricity/electronics shop.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This filmstrip may be used with the module on electrical safety.

INTRODUCTION TO GRAPHIC ARTS SAFETY

FORMAT: Audio-visual filmstrip and cassettes, 1978

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This program illustrates the safety hazards involved in a typical school print shop.

CLUSTER RELEVANCE: This program may be used in the following clusters: Communication and Media and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the modules on personal protective equipment; handling, using, or storing hazardous and flammable materials; compressed gases and compressed air equipment, use, handling, and storage; and machinery and machine guarding.

INTRODUCTION TO MACHINE METAL SHOP SAFETY

FORMAT: Audio-visual filmstrip and cassette, 1978

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This program uses closeup photography to offer instruction on tool safety in the machine shop.

CLUSTER RELEVANCE: This program may be used in the Manufacturing cluster.

MODULE SUITABILITY: This filmstrip may be used with the modules on machine tools and woodworking machinery and machinery and machine guarding.

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INTRODUCTION TO WELDING SAFETY

FORMAT: Audio-visual filmstrip and cassette

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This unit gives an introduction to welding safety and also covers oxyacetylene welding and arc welding.

CLUSTER RELEVANCE: This material may be used in the Manufacturing and Construction clusters.

MODULE SUITABILITY: This filmstrip may be used in the module on welding, cutting and brazing operations in the industrial workplace.

INVISIBLE DANGER

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: International Film Bureau

DESCRIPTION: This film explains the danger of toxic dusts and gases and shows differet types of breathing apparatus which must be used when this danger is present. Demonstrated in the film are respirators of the air-purifying type with a canister-type filter. The film stresses the importance of good fit, proper cleaning, and mechanical maintenance of respiratory equipment.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment, Manufacturing, Construction, and Public Service clusters.

MODULE SUITABILITY: This film may be used with the modules on personal protective equipment, and industrial and grain elevator dust hazards.

INTRODUCTION TO WOODSHOP/CARPENTRY SAFETY

FORMAT: Audio-visual, 1978

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: Safe methods of using woodshop equipment and the hazards involved are demonstrated through closeup photography.

CLUSTER RELEVANCE: This material may be used in the Construction, Manufacturing, Public Services and Agriculture clusters.

MODULE SUITABILITY: This material may be used with the modules on machine tools and woodworking machinery and hand and portable power tools.

IT ALWAYS HAPPENS TO THE OTHER GUY

FORMAT: Film, 16mm color, 21 minutes

AVAILABILITY: Loan

SOURCE: John Deere Company

DESCRIPTION: Film is based on everyday situations where accidents happen on construction and utilities sites.

CLUSTER RELEVANCE: This material may be used in the Construction and Public Services clusters.

MODULE SUITABILITY: This film may be used with the module on employer and employee rights and responsibilities.

IT'S UP TO YOU

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: Modern Talking Picture Service, #31425

DESCRIPTION: This film on hearing demonstrates the proper method of using ear plugs and muffs and describes the damage that is done to the ear when they are improperly installed.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on personal protective equipment.

IT'S UP TO YOU

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: Modern Talking Pictures

DESCRIPTION: This film is on eye protection.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on personal protective equipment.

IT'S YOUR ACCIDENT

FORMAT: Film, 16mm color

AVAILABILITY: Loan

SOURCE: Film Communicators

DESCRIPTION: A general safety film, highlighting the frame of mind people are in at work. An oiler is shown loosing some fingers on one of his hands because his concentration is not on his work. Discussion occurs in the hospital about how the accident occurred. Also depicted are other potential industrial accidents.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the modules on employer and employee rights and responsibilities and safety standards.

KEY TO CLEANLINESS

FORMAT: Film, 20 minutes

AVAILABILITY: Loan

SOURCE: International Film Bureau

DESCRIPTION: This film depicts man as the culprit behind food poisoning through bad habits, laziness, and factors in carelessness. Personal hygiene and environmental cleanliness are outlined. Personal responsibility is marshalled through the Food Hygiene Regulation of 1970 (No. 1172).

CLUSTER RELEVANCE: This film may be used in the Home Economics Related Occupations, Personal Services, and Hospitality and Recreation clusters.

MODULE SUITABILITY: This may be used with modules on employer and employee rights and responsibilities, medical and first aid, and health standards.

KNOWING'S NOT ENOUGH

FORMAT: Film, 16 mm color, 28 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Mere knowledge of safety practices is not enough. The knowledge must be put into practice, whether in the home or on the job.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on employer and employee rights and responsibilities.

LADDERS

FORMAT: Audio-visual slides, cassette

AVAILABILITY: Sale

SOURCE: OSHA/National Audio-Visual Center

DESCRIPTION: This program describes the different types of ladders, common accidents and specific hazards of each. Placement angles, specifications and dimensions for ladders, cages, platforms, etc., are also given.

CLUSTER RELEVANCE: This film may be used in the following clusters: Agriculture, Public Service, Communication & Media, Fine Arts and Humanities, Personal Services, Marketing and Distribution, Marine Sciences, Hospitality and Recreation, Natural Resources and Environment, Construction and Manufacturing.

MODULE SUITABILITY: This program may be used with the module on ladders.

LASER SAFETY

FORMAT: Film, 16mm color, 16 minutes

AVAILABILITY: Loan

SOURCE: University of California, Extension Media Center

DESCRIPTION: This is a safety film on laser beams and how they can damage the human eye. Shown is the need for eye protection to be worn at all times by the employee.

CLUSTER RELEVANCE: This film may be used in the Manufacturing and Communication and Media clusters.

MODULE SUITABILITY: This film may be used with the modules on safety standards and personal protective equipment.

LET THEM KNOW

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This film describes the value of safety planning and training. It demonstrates the preparation of a safety lecture and shows how to organize a training program.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on safety standards.

LOCK AND TAG

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: When equipment is being repaired, energy used to operate the equipment must be isolated. The story dramitizes the details of this isolation procedure. The narrator is a character in the film - a mechanic. The last scene justifies his intense personal interest in his plant's "lock and tag" procedure.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on electrical safety.

LOCKS AND LINES

FORMAT:	Film, 16mm color, 15 minutes
AVAILABILITY:	Loan
SOURCE:	Travelers Film Library
DESCRIPTION:	This film shows the hazards crew members experience during transit by a river barge tow through a Corps of Engineers lock. Particular emphasis is placed on proper line handling and the dangers and consequences of the snap-back when synthetic lines part under strain. Examples of good and bad practices on actual tow are shown. Mannequins are used to dramatize the effect of a parted line to crew members. Film would be useful for any marine activity using synthetic lines and working around barges and tows.

CLUSTER RELEVANCE: This material may be used in the Transportation and Marine Science clusters.

MODULE SUITABILITY: This film may be used with the module on ropes, chains and slings, and marine and longshoring operations.

THE MAGIC OF FIRE

FORMAT: Film, 16mm color, 18 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #809

DESCRIPTION: This film is an introduction to the basic elements required to make a fire. The film traces the beginning of oil and its by-products - gasoline, kerosene and cleaning solvents. It shows a laboratory test for butane, the different characteristics of natural gas vs butane, the proper containers to be used for storing or handling flammables, and the danger of lawn mowers.

CLUSTER RELEVANCE: This film may be used in the following clusters: Agriculture, Public Services, Health, Home Economics Related Occupations, Business and Office, Marketing and Distribution, Marine Science, Hospitality and Recreation, Natural Resources and Environment, Construction, Transportation, and Manufacturing.

MODULE SUITABILITY: This film may be used with the modules on employer and employee rights and responsibilities, safety standards; handling, using, or storing hazardous and flammable materials, and compressed gases and compressed air equipment, use, handling, and storage.

MAN AND HIS HABITS

FORMAT: Film, 16mm

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #822

DESCRIPTION: This film shows how a person's habits affect one's performance when using unfamiliar equipment. It shows bad work habits by workers both at work and at home and the need for workers to develop "safe work habits." A good basic safety film.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the modules on safety standards and employer and employee rights and responsibilities.

MANAGEMENT'S ROLE IN HEALTH AND SAFETY

FORMAT: Film, 16mm color

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #842/5

DESCRIPTION: This film shows safety inspection being made in a mine and illustrates how to plan a safety program, using on the job experience. It stresses 1) training new employees in accident prevention methods and 2) defines responsibilities of a supervisor.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the module on safety standards.

MANEJO - (LIFTING - SPANISH VERSION)

FORMAT: Film, black and white, 5 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: A short demonstration of how to lift heavy objects and how not to. In a two-minute question period, the audience is invited to point errors in the basic methods of lifting materials. After the question period, the correct methods are demonstrated.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on materials handling.

MECHANICAL AIDS

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: BNA Communications, Inc.

DESCRIPTION: This film shows safety hazards in the construction industry. It describes excellent safety features of the various saws, power tools and other equipment used on construction sites. The film shows how over-confidence of workers on construction sites can lead to carelessness.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used with the module on hand and portable power tools.

MEN OF IRON

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Construction Safety Association of Ontario

DESCRIPTION: This film shows a young steel worker as he is learning the safety procedures required to become a proven steel worker. Also shows some interesting construction procedures for making steep roofs, etc.

CLUSTER RELEVANCE: This film may be used in the Construction and Manufacturing clusters.

MODULE SUITABILITY: This may be used with the module on safety standards.

MILL WRIGHTING

FORMAT: Film

AVAILABILITY: Loan

SOURCE: Brown & Root, Inc.

DESCRIPTION: Safety practices for rigging and installing heavy equipment and machines at industrial sites are depicted in this film.

CLUSTER RELEVANCE: This may be used in the Manufacturing cluster.

MODULE SUITABILITY: This film may be used with the modules on material hoists (fixed and mobile) overhead cranes and their attachments; hoisting apparatus (stationary and mobile) elevators (material and personnel); ropes, chains and slings; and steel erection.

THE MILLING MACHINE

FORMAT: Film, 16mm black and white

AVAILABILITY: Loan

SOURCE: USOE

DESCRIPTION: The application and operation of milling machines are described in this film.

CLUSTER RELEVANCE: This material may be used in the Manufacturing cluster.

MODULE SUITABILITY: This film may be used with the module on machine tools and woodworking machinery and vibration and noise control abatement procedures.

MINING NOISE HAZARDS

FORMAT:	Film, 16mm color, 15 minutes
AVAILABILITY:	Loan
SOURCE:	US Bureau of Mines, #844
DESCRIPTION:	The film explains how the human ear functions, shows how noise damages the hearing of miners, and explains the difference between high and low frequences. It compares noise from a rock band with that of a mine explosion. The film also explains how to take sound measurements in a mine and how to use a dosimeter.
CLUSTER RELEVANCE:	This material may be used in the Natural Resources and Environment cluster.
MODULE SUITABILITY:	This film may be used with the modules on personal protective equipment and vibration and noise control abatement procedures.

MOTIVATION - A MEANS TO ACCIDENT PREVENTION

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines

DESCRIPTION: This film begins with examples of the motivation of youth - then switches to on the job motivation techniques. Also shown is how to lecture and points to be stressed in classes for supervisors in the world of work.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on safety standards and employer and employee rights and responsibilities.

MULTIPLE CHOICE

FORMAT: Film, 16mm color, 25 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: A film on heavy equipment accidents occurring on construction sites, shows six instances in which poor judgment on the part of the operator caused serious injuries or death. The film examines each accident, gives the students a choice of why the accident happened and discusses in detail the correct answer.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This may be used with the module on safety standards.

NEW WAY TO LIFE

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film shows the right way to lift heavy objects. It describes the six parts of a perfect lifting unit and explain the importance of each to a properly executed lift. The film demonstrates the palmar grip, the proper position of the back, chin, arms, and feet, and the correct distribution of body weight.

A unique quality of the lifting procedure described is that it can be used in any lifting situation regardless of the size or shape of the load. It can also be used when lowering objects, turning the body to move a load, or when two men are working together.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Medir, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on materials handling.

OH! MY ACHING BACK

FORMAT:	Film, 16mm color, 20 minutes
AVAILABILITY:	Loan
SOURCE:	US Bureau of Mines, #810
DESCRIPTION:	Film opens with a man working on a large machine. He lifts a large piece of metal stock wrong and collapses. Then at the hospital a doctor using remarkable training aids, explains the working of the spine and the back and leg muscles. A good simple medical explanation of the working of the spine, back and legs in lifting is given. Also shows the proper lifting techniques.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the module on materials handling.

ON EVERY HAND

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This film shows the danger of various types of machines and equipment, and depicts examples of workers getting caught in equipment.

CLUSTER RELEVANCE: This material may be used in the following clusters: Construction, Agriculture, Manufacturing and Marine Science.

MODULE SUITABILITY: This film may be used with the modules on hand and portable power tools, and vibration and noise control abatement procedures and machinery and machine guarding.

ORIENTATION AND INDOCTRINATION OF SAFE WORKMEN

FORMAT: Film, 16 mm color, 28 minutes

AVAILABILITY: Loan

SOURCE: National Audio-Visual Center, #813

DESCRIPTION: This film depicts the procedures for presenting the importance of safety to new industrial workers. It shows the briefing given by the safety technician to the new workers, a tour of the industrial plant and the dangers and hazards that are present in various industrial plant maintenance areas.

CLUSTER RELEVANCE: This material may be used in the Construction, Agriculture and Manufacturing clusters.

MODULE SUITABILITY: This film may be used with the module on safety standards.

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THE OSHA INSPECTION

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: An excellent film that depicts an OSHA compliance officer making an inspection of a large industrial plant. It shows the administrative procedures used and the methods to be used by employees in writing a complaint.

CLUSTER RELEVANCE: This material may be used in the Construction and Manufacturing clusters.

MODULE SUITABILITY: This film may be used with the modules on the Occupational Safety and Health Act, employer and employee rights and responsibilities, health standards and safety standards.

PIPEFITTER

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Brown & Root, Inc.

DESCRIPTION: This film shows how Brown and Root trains pipefitters in heavy construction.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used with the module on welding, cutting, and brazing operations in the industrial workplace.

PLAN FOR PREVENTION

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE:

DESCRIPTION: This film shows how to prepare a safety lecture from reviews of accident reports.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on safety standards.

POWER HAND SAW SAFETY

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This film explains detailed safety procedures to be followed by skilled carpenters using power hand saws.

CLUSTER RELEVANCE: This film may be used in the following clusters: Agriculture, Public Service, Construction and Manufacturing.

MODULE SUITABILITY: This film may be used with the module on hand and portable power tools and machine tools and woodworking machinery.

PRESSES, PRODUCTION AND PROTECTION

FORMAT: Film, 16mm color, 18 minutes available in video cassettes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Demonstrates the effectiveness of various techniques of safeguarding power presses.

CLUSTER RELEVANCE: This material may be used in the Manufacturing and Construction clusters.

MODULE SUITABILITY: This film may be used with the modules on machine tools and woodworking machinery and machinery and machine guarding.

PREVENTING COAL PNEUMOCONIOSIS THROUGH ENGINEERING CONTROLS

FORMAT: Film, 16mm color, 16 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #829

DESCRIPTION: This film shows the problems associated with coal dust and other air contaminants in mines. It illustrates types and uses of test equipment used in the mines.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the module on industrial and grain elevator dust hazards, and local exhaust, dust collecting and ventilation systems.

PREVENTING OIL WELL SERVICING ACCIDENTS

FORMAT: Filmstrip, 25mm, color, 20 minutes with 33-1/3 rpm sound record

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Illustrates and discusses unsafe conditions and unsafe actions in the oil well servicing operations. Excellent for training servicing engineers in exposures at oil well locations.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This material may be used with the module on safety standards.

PRINT SHOP SAFETY

FORMAT: Filmstrip and audio tape

AVAILABILITY: Loan

SOURCE: Bergwall Productions, Inc.

DESCRIPTION: This filmstrip and audio-tape describes safety procedures to be used in the operation of printing presses and other print shop equipment. Personal protective devices are described and their proper use specified.

CLUSTER RELEVANCE: This film may be used in the Public Service, and Manufacturing clusters.

MODULE SUITABILITY: This filmstrip may be used with the modules on personal protective equipment and machinery and machine guarding.

PROTECT YOUR HEARING

FORMAT: Film, 16mm color, 20 minutes, 1963

AVAILABILITY: Loan

SOURCE: Bray Studios

DESCRIPTION: This film on hearing equipment introduces OSHA standards, explains sound principles, Hertz - frequency ranges, and explains the working of the human ear.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on Occupational Safety and Health Act, health standards, safety standards, and vibration and noise control abatement procedures.

PROTECTION AGAINST RADIATION IN URANIUM MINES

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #826

DESCRIPTION: The film gives examples of danger from Radon dust and gas (carrying alpha) in uranium mines. It shows the engineering testing and design equipment required in uranium mines. A demonstration of air evacuation system in a mine with the backup systems that must be installed, and approved breathing equipment is shown.

CLUSTER RELEVANCE: This may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the modules on employee and employer rights and responsibilities; safety standards; local exhaust, dust collecting, and ventilation systems; industrial and grain elevator dust hazards; and toxic and hazardous substances.

PUNCH PRESS GUARDING

FORMAT: Film, 16mm color, 12 minutes, 1957

AVAILABILITY: Loan

SOURCE: International Film Bureau

DESCRIPTION: Excellent film on large press guarding.

CLUSTER RELEVANCE: This film may be used in the Marketing and Distribution, Construction, and Manufacturing clusters.

MODULE SUITABILITY: This material may be used with the module on machinery and machine guarding.

THE QUOTA

FORMAT: Film, 16mm color, 26 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: A bulldozer operator hurriedly starts his machine, loses his brakes going into a quarry, and goes over a cliff. In a trick photography sequence, his ghost arises and wanders in a dreamlike courtroom situation where other operators, who have made fatal mistakes, are being judged.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment and Construction clusters.

MODULE SUITABILITY: This film may be used with the modules on operating commercial vehicles and powered industrial trucks.

REHABILITATION - THE MIRACLE

FORMAT:	Film, 16mm color, 28 minutes
AVAILABILITY:	Loan
SOURCE:	Modern Talking Picture Service
DESCRIPTION:	This film is the story of one company's commitment to an injured industrial worker to provide him with the best medical care and to return him to the workforce. Nurses, patients and doctors tell of the rehabilitation methods used.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the modules on employer and employee rights and responsibilities, medical and first aid and workers' compensation laws.

R.I.P. HARRY SPARKS

FORMAT: Film, 16mm color, 20 minutes, 1976

AVAILABILITY: Loan

SOURCE: International Film Bureau

DESCRIPTION: An electrical safety film featuring Harry Sparks, an electrician who has been killed and returns to earth as a guardian angel whose job is keeping electrical workers from making a fatal mistake. The film shows basic electrical hazards, how electric current flows through the body, and what electrical shocks can do to the human body.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on electrical safety.

ROCK BOLTING IN ORE MINING

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #807

DESCRIPTION: This film shows maintenance crews drilling into roofs and walls of ore mines, illustrates how long extension bolts are put in and tightened, point out the safe way to use pneumatic tools and explains in detail several types of bolts.

CLUSTER RELEVANCE: This material may be used in the Construction and Natural Resources and Environment clusters.

MODULE SUITABILITY: This film may be used with the module on excavating, trenching, and shoring.

RUBBER-TIRED HAULAGE IN UNDERGROUND COAL MINING

FORMAT: Film, 16mm color, 18 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #866

DESCRIPTION: Film shows rubber-tired tractors used in mine work and the many types of accidents that occur as a result of laxity of operators, poor maintenance and poor management supervision. Then it shows the need for proper training, alertness of operators, and the need for knowing the capability of battery-operated haulage vehicles.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the module on employer and employee right and responsibilities, safety standards, and operating commercial vehicles.

SAFE AUTO BODY SHOP

FORMAT: Audio-visual, filmstrip

AVAILABILITY: Rental

SOURCE: Bergwall Productions, Inc.

DESCRIPTION: This filmstrip tape is useful for introducing safety practices in an auto body repair shop and the tools associated with the repair of metal and fiberglass. Personal protective equipment and its use is also described. Some emphasis is also placed on the awareness of fellow workers during the operation of equipment which could be hazardous to someone near the worker.

CLUSTER RELEVANCE: This material may be used in the manufacturing and transportation clusters.

MODULE SUITABILITY: This material may be used with the modules on safety standards; personal protective equipment; powered industrial trucks; operating commercial vehicles; and welding, cutting, and brazing operations in the industrial workplace.

SAFETY A WAY OF LIFE

FORMAT:	Film, 16mm color, 18 minutes
AVAILABILITY:	Loan
SOURCE:	US Bureau of Mines, #821
DESCRIPTION:	This film stresses "thinking before acting," and shows a number of accidents caused by haste. It depicts a fork-lift accident.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the modules on employer and employee rights and responsibilities and safety standards.

SAFETY AND THE FOREMAN
(A 4-part series)

FORMAT: Film, 16mm black & white, 10 minutes each

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This is a 4-part series and each part is described below.

Part 1 - Fact Finding Not Fault Finding

Emphasizes that the important question when an accident occurs is not, "Whose fault was it?" but rather, "What can be done to keep it from happening again?" The film drives home the foreman's responsibility for checking all elements of a job.

Part 2 - Foresight - Not Hindsight

Illustrates that eliminating hazards before they cause accidents is an essential part of any foreman's job. The film explains what "foresight safety" consists of, and shows foremen how they can use it to help eliminate accidents among their own working force.

Part 3 - No One Else Can Do It

The film clearly illustrates that a foreman is in the best possible position to make safety work - and that safety is a major production tool. The film pitches a persuasive message at foremen who do not consider safety as part of their job, as well as providing plenty of information.

Part 4 - What They Don't Know Can Hurt

A strong argument on the need for showing workers the right way of doing a job - and to correct them when a task is being done improperly.

CLUSTER RELEVANCE: This film series may be used in the following clusters: Construction, Manufacturing, Agriculture, Transportation, Marketing and Distribution, and Public Services.

MODULE SUITABILITY: This material may be used in the modules on safety standards and employer and employee rights and responsibilities.

SAFETY CONSIDERATION FOR DIE DESIGN

FORMAT: Film

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This film shows how die and casting machines are designed for safety at all times; the operator must have only one responsibility, to observe the action and not to have other operations to perform with his hands. The film highlights pinch points and shows how the die designs are free of safety hazards to the operator.

CLUSTER RELEVANCE: This material may be used in the Manufacturing cluster.

MODULE SUITABILITY: This film may be used with the modules on welding, cutting, and brazing operations in the industrial workplace and machinery and machine guarding.

SAFETY DEPENDS ON YOU

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: purchase

SOURCE: Film Communicators

DESCRIPTION: This film shows the correct use of tools by the Forest Service. The tools shown are of the forest and construction types. The film divides the safety lesson into four categories: 1) safety handling, 2) safety in use, 3) safety in storage, and 4) maintenance of tools.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment, Construction and Manufacturing clusters.

MODULE SUITABILITY: This film may be used with the modules on hand and portable power tools, and safety standards.

SAFETY IN CONSTRUCTION, SCAFFOLDING

FORMAT: Film, 16mm color, 16 minutes, 1971

AVAILABILITY: Loan

SOURCE: BNA Communications, Inc.

DESCRIPTION: This construction safety film shows 20 safety violations by workers. It also includes the proper way to erect a scaffold, safety violations by workers during normal working hours, and the unsafe way to adjust a scaffold.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used with the modules on safety standards, ladders and scaffolding, and employer and employee rights and responsibilities.

SAFETY IN LONGWALL MINING

FORMAT: Film, 16mm color, 18 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #865

DESCRIPTION: This film shows the new longwall mining techniques, including the requirement of new machinery, the dangers from falling roof material, and the increase in methane gas. The film emphasizes that as production is increased, a larger number of maintenance and technical specialist are required. The film illustrates safety techniques that have been developed to cope with automation.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: This film may be used with the modules on excavating, trenching, and shoring, and safety standards.

SAFETY IN THE BALANCE

FORMAT: Film, 16mm, 24 minutes, 1971

AVAILABILITY: Loan

SOURCE: Musica Viva, Ltd.

DESCRIPTION: A film showing Canadian rigging, hand signals, and large crane usage.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used with the modules on safety standards, material hoists (fixed and mobile), overhead cranes and their attachments; and hoisting apparatus (stationary and mobile), elevators (material and personnel).

SAFETY MAKES SENSE

FORMAT: Film

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This film shows safety precautions used in the operation of a modern fork-lift truck. Safety is stressed from the moment the operator starts learning to drive in the practice area of the plant. Various truck operations are demonstrated in both the correct and incorrect procedures for: gasing-up, making sharp turns, fork position in transit, smooth starts and stops, eyes focused in the direction of travel, crossing rough surfaces, positioning of loads, load centers, rated capacities, double stacking, parking the truck, using a bridge plate and down ramps.

CLUSTER RELEVANCE: This may be used in the Manufacturing, Construction, Transportation and Marketing and Distribution clusters.

MODULE SUITABILITY: This may be used in the module on powered industrial trucks and safety standards.

SAFETY MANAGEMENT

FORMAT: Film, 16mm color
An 8-part series

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: A series of eight films help provide foremen and supervisors with training in basic areas of accident prevention. The films follow a safety directory and supervisor who are planning a course in the fundamentals of accident prevention. Mock-ups and demonstrations are used to illustrate major points.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the modules on employer and employee rights and responsibilities and safety standards.

SAFETY ON THE MOVE

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #861

DESCRIPTION: This film shows open pit mining involving large trucks and equipment. It depicts a specific accident involving a man guiding a truck in which the driver loses sight of the man and backs over him. It also shows proper driving techniques for heavy truck drivers, safety equipment and signs required in open-pit mining, and proper parking and maintenance procedures.

CLUSTER RELEVANCE: This material may be used in the following clusters: Construction, Agriculture, Marine Science, Transportation, Public Services, Marketing and Distribution, Natural Resources and Environment, and Manufacturing.

MODULE SUITABILITY: This film may be used with the modules on safety standards, mechanized off-road equipment, including roll-over bars and overhead structures, operating commercial vehicles, powered industrial trucks, and commercial diving operations.

SAFETY: TOTAL LOSS CONTROL

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: Crawley Films, Ottawa, Canada

DESCRIPTION: A cartoon film featuring "Super Safety Man." It shows the organization of a safety program and examples of how to cut down on accidents.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the module on safety standards.

SAFETY WITH NETS

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Demonstrates the use of safety nets with high-rise steel. The proper rigging of such nets is clearly shown and there is no doubt left as to their effectiveness.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used in the modules on safety standards, personal protective equipment, and ladders and scaffolding.

SCAFFOLDS

FORMAT: Audio-visual slides, cassette, booklet, 25 pages, 1977

AVAILABILITY: Sale

SOURCE: OSHA/National Audio-Visual Center

DESCRIPTION: This unit on scaffolds discusses the various types of scaffolds, their construction, guardrailing, load limits, supports, and special precautions to be taken with each.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agriculture, Public Service, Communication & Media, Fine Arts & Humanities, Personal Services, Marketing and Distribution, Marine Science, Hospitality and Recreation, Natural Resources and Environment, Construction and Manufacturing.

MODULE SUITABILITY: This unit may be used with the module on ladders and scaffolding.

SAFTITUDES

FORMAT: Audio-visual, 4 filmstrips and 2 tapes

AVAILABILITY: Rental

SOURCE: 2000 Company

DESCRIPTION: This filmstrip/tape presentation uses stories and cartoon characters to assist students in analyzing the attitudes on safety and to stimulate discussion about attitude importance.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the modules on employer and employee rights and responsibilities and on safety standards.

A SEA WE CANNOT SENSE

FORMAT: Film, 16mm color, 26 minutes

AVAILABILITY: Loan

SOURCE:

DESCRIPTION: This film is about ionizing radiation and its effect on us and nature.

CLUSTER RELEVANCE: This material may be used in the following clusters: Natural Resources and Environment, Health, Manufacturing, and Public Services.

MODULE SUITABILITY: This film may be used with the module on ionizing radiation.

SECOND EFFORT

FORMAT: Film, 16mm, 28 minutes, 1968

AVAILABILITY: Loan

SOURCE: Dartnell Corporation

DESCRIPTION: This film shows how to improve humans to improve their performance.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the modules on safety standards and employer and employee responsibilities.

SELL SAFETY

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #820

DESCRIPTION: This film shows an on the job method of selling safety, an example of how injured workers reduce their incomes when drawing workmen's compensation, and examples of unsafe acts in mines. It also shows how supervisors can set good examples.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the modules on safety standards, workers' compensation laws, and health standards.

SHARP AS A RAZOR'S EDGE: USING CUTTING TOOLS

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: Film Communicators

DESCRIPTION: This film illustrates safety procedures for using the double-bit axe, brush hook, and pulaski tool when clearing brush and construction sites.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This material may be used with the modules on safety standards, health standards, and hand and portable power tools.

A SIMPLE CHOICE

FORMAT: Film, 16mm color, 18 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Deals with reducing job-related illnesses, injuries, and deaths by improving employees' attitudes and how OSHA requires employees to comply with safety regulations.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used with the modules on Occupational Safety and Health Act, employer and employee responsibilities, health standards, and safety standards.

SLIPS AND FALLS

FORMAT: Film, 16mm, 10 minutes

AVAILABILITY: Loan

SOURCE: Association of Films

DESCRIPTION: This film shows the safety of steelworkers versus the carelessness of office and administrative workers.

CLUSTER RELEVANCE: This material may be used in the following clusters: Public Services, Communication & Media, Health, Marketing and Distribution, Hospitality and Recreation, Construction, Transportation, and Manufacturing.

MODULE SUITABILITY: This film may be used in the module on safety standards.

SOMETHING CONCRETE

FORMAT: Film, 16mm color, 24 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film documents an authentic structural collapse and what contributed to the cause. This entails the stresses and strains on concrete under various conditions. Construction techniques coupled with safety practices make this a "must" for the construction industry.

CLUSTER RELEVANCE: This material may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used with the module on concrete, concrete forms and shoring.

THE SPLIT SECOND

FORMAT: Film, 16mm color, 11 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film is designed to motivate the viewer to become more alert and observant of industrial safety. On-the-job dramatization of accidents, which occur most frequently in modern manufacturing plans through negligence and mishandling of equipment, create a meaningful and lasting impression.

CLUSTER RELEVANCE: This material may be used in the Manufacturing cluster.

MODULE SUITABILITY: This film may be used with the module on safety standards and employer and employee rights and responsibilities.

SPLIT SECOND SAFETY

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Sale

SOURCE: Film Communicators

DESCRIPTION: This film shows what not to do when using electrical devices. It gives good examples of why it is necessary to have ground fault interruption to prevent "live to ground" lockage and electrical shock and it demonstrates the new simple ground fault interrupter that can be installed into light switch fixtures in the home and at work.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used in the following modules: electrical safety, personal protective equipment, use of ground-fault protection, and electrical power transmission and distribution.

STEEL MAKERS

FORMAT: Film, 16mm color, 1978

AVAILABILITY: Loan

SOURCE: Modern Talking Pictures, #31570-D

DESCRIPTION: A new film that shows how steel is made from the mining of the elements to the final installation of steel into the construction of a ship. From a safety standpoint, it shows heat stress and the proper types of protective equipment that must be worn. Shows the types of eye protection that are required for protection from the radiant heat of the furnaces.

CLUSTER RELEVANCE: May be used in the Construction and Manufacturing clusters.

MODULE SUITABILITY: This film may be used with the modules on safety standards, health standards, and personal protective equipment.

STOP THE FIRE BEFORE IT STARTS

FORMAT: Film, 16mm color, 14 minutes

AVAILABILITY: Loan

SOURCE: Journal Films

DESCRIPTION: This basic fire prevention film shows 1) fires started in welding, 2) explosive dusts igniting from sparks, also glues and other low flash point liquids catching on fire, and 3) how many hydraulic fluids are flammable and how easy it is to have leaking lines catch on fire.

CLUSTER RELEVANCE: This material may be used in the following clusters: Agricutlure, Marketing and Distribution, Transportation, Natural Resources and Environment, Manufacturing, Construction, and Public Services.

MODULE SUITABILITY: This film may be used with the modules on fire protection; welding, cutting, and brazing operations in the industrial workplace; and handling, storing or using hazardous and flammable materials.

STRAIGHT TALK ON EYE SAFETY

FORMAT: Film, 16mm color, 12 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: A hard-hitting film. Two veteran compaigners in the battle for eye safety speak on the need for 100% eye and face protection in shops and plants; and the need to teach eye safety to young people in schools shops and labs.

Bill Frank, blinded in a shop accident, speaks directly to employees. He warns them of the tragic consequences that will result from blinding accidents, of what such an accident will mean to their wives and their kids, and delivers a fighting plea for eye protection in every shop and plant.

Jim O'Neill of the National Society for the Prevention of Blindness adds his strong voice in support of the safety program. Jim hits hard on the need for eye protection in industry, in school shops and labs, and in the home.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on personal protective equipment.

TAKE IT FROM THE PROS

FORMAT: Film, 16mm color, 16 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This film is about air grinding tools especially the hand grinder, showing the inspection, storage and handling of grinding wheels. Also shown is how to select the right speed by looking on the blotter for the manufacturer's recommended speed. It demonstrates how to perform the right tests, and goes into detail on how to recognize the correct sound. Also shown is the proper method of mounting the grinding wheels.

CLUSTER RELEVANCE: This film may be used in the Construction and Manufacturing clusters.

MODULE SUITABILITY: This material may be used with the modules on machine tools and woodworking machinery, and machinery and machine guarding.

TALK ABOUT TRENCHING

FORMAT: Film, 10 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: A film about safety in trenching showing a contractor digging trenches in various types of soil. It demonstrates how to put shoring in properly and how to use the proper ladder. An interesting feature of the film is how contractors now build boxed shoring that is moved from trench to trench.

CLUSTER RELEVANCE: This film may be used with the Construction and Natural Resources and Environment clusters.

MODULE SUITABILITY: This film may be used in the module on excavating, trenching, and shoring.

TALKING ABOUT TRENCHING

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: An unshored trench is a potential grave for the construction worker inside it. Unless the walls have been adequately shored up, there is nothing to prevent it from caving in and burying its occupants alive. In this film, two unseen voices discuss the matter. As they talk (one an authority, the other a skeptic), the camera visualizes the theme of their agruments, examining trenches on actual job sites and showing the best and worst possible working conditions.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment and Construction clusters.

MODULE SUITABILITY: This film may be used with the module on excavating, trenching and shoring.

TALL STACKS

FORMAT: Film, 16mm, 20 minutes

AVAILABILITY: Loan

SOURCE: RHR Filmedia, Inc.

DESCRIPTION: This film is about the air pollution around large power plants.

CLUSTER RELEVANCE: This material may be used in the Natural Resources and Environment clusters.

MODULE SUITABILITY: This film may be used with the module on environmental control procedures.

TEACH SAFETY

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines

DESCRIPTION: This film shows the role of the teacher supervisor and safety technician in the classroom and is excellent for persons who are required to teach "safety classes." It also illustrates teaching techniques and examples of bad techniques.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the module on safety standards.

TO BE FORGED

FORMAT:	Film, 16mm color, 18 minutes
AVAILABILITY:	Loan
SOURCE:	Modern Talking Pictures, #2705
DESCRIPTION:	This film shows the machinery required for making tools and parts. Also shown is the design and the various art techniques, of forging -- including the metals used.
CLUSTER RELEVANCE:	This material may be used in the Manufacturing and Construction clusters.
MODULE SUITABILITY:	This film may be used with the modules on machine tools and woodworking machinery, and machinery and machine guards.

THE TRAP

FORMAT:	Film, 16mm black & white, 20 minutes, 1961
AVAILABILITY:	Loan
SOURCE:	Harvest Film Co.
DESCRIPTION:	This film illustrates worker's injuries in industry as the result of poor housekeeping and disregard of machine guards. Also included are interviews with victims.
CLUSTER RELEVANCE:	This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.
MODULE SUITABILITY:	This material may be used with the modules on industrial housekeeping, machine tools and woodworking machinery, and machinery and machine guards.

TRENCHING

FORMAT: Audio-visual slides, cassette, booklet (35 pages) 1977

AVAILABILITY: Rental

SOURCE: OSHA/National Audio Visual Center

DESCRIPTION: This slide program depicts the common hazards encountered in trenching. Specific points covered are: utility line hazards, cave-ins, determining angle of repose for difficult soil types, shoring systems, trench shields, filling a trench, and general safety practices applicable to excavation.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment and Construction clusters.

MODULE SUITABILITY: This film may be used in the module on excavating, trenching and shoring.

28 GRAMS OF PREVENTION

FORMAT: Film, 16mm color, 25 minutes

AVAILABILITY: Loan

SOURCE: Fisher Laboratory

DESCRIPTION: This is an excellent film on OSHA standards for chemical laboratories. Gives excellent realistic scenes of accidents in labs and what causes them. Major topics stressed include fire extinguishers, handling acides, and flammable materials.

CLUSTER RELEVANCE: This film may be used with the following clusters: Manufacturing, Marine Science, Public Services, Health, and Natural Resources and Environment.

MODULE SUITABILITY: This film may be used with the modules on Occupational Safety and Health Act and materials handling.

TWENTY-FIVE FEET FROM THE FACE

FORMAT:	Film, 16mm color, 18 minutes, 1977
AVAILABILITY:	Loan
SOURCE:	National Audio Visual Center, #867
DESCRIPTION:	A film by MESA on roof bolting in mines. It shows the old safety techniques that are still in use in some mines. Most interesting are the new automated bolting machine in which no workers are required to get out into unbolted area. Roof bolting accidents have the highest occurrence of all incidents in the coal mining industry.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment clusters.

MODULE SUITABILITY: This film may be used with the module on excavating, trenching, and shoring.

U.L. FIRE TESTS WITH FORAY MULTIPURPOSE DRY CHEMICALS

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This U.L. comparison tests of the effectiveness of water or dry chemicals on class "A" fires was rather conclusive proof of the quickness and thoroughness of dry powders. The film showed the 2A, 4A, 20A and 80A comparisons, water was slow, and did not have the rapid extinguishing effect of the dry chemical. This film is outstanding for showing industrial safety classes how truly effective dry chemicals are for fighting fires.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the module on fire protection.

UNDERGROUND COAL MINE BLASTING

FORMAT: Film, 16mm color, 16 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #856

DESCRIPTION: This film depicts the proper method of storing and handling explosives. It also explains storage of detonators and explosives in storage area separation requirements and security requirements. The proper and safe way of setting detonations, explaining in detail electrical detonators and testing required is also shown in this film.

CLUSTER RELEVANCE: This material may be used in the Construction, Marine Science, and Natural Resources and Environment clusters.

MODULE SUITABILITY: This material may be used with the modules on use, storage, transportation and security of blasting and explosive materials, and demolition procedures.

THE UNINVITED GUEST

FORMAT: Film, 20-25 minutes

AVAILABILITY: Loan

SOURCE: International Film Bureau #18

DESCRIPTION: This film is directed primarily to hotel management and staff, the rules for fire prevention, control and escape are also applicable to other work areas. Fire prevention responsibilities, human control (sounding the alarm and attacking the fire), and use of fire fighting equipment are covered. Also of interest is the topic of fire drills involving escape routes.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used with the module on fire protection.

THE UNPLANNED

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: The film deals with the need for careful investigation of accidents and the story outlines an accident in the making. It takes place in a general machine shop and drafting office. It is an outstanding training film, because it permits flashbacks in which we are able to review the information given by each of the witnesses at the investigation. It is an excellent opportunity for the student to fill out an "Accident Investigation Form."

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on Occupational Safety and Health Act, safety standards, and employer and employee rights and responsibilities.

VENTILATION

FORMAT:	Audio-visual slides, cassettes, booklet (30 pages), 1977
AVAILABILITY:	Sale
SOURCE:	OSHA/National Audio Visual Center
DESCRIPTION:	This course on ventilation discusses ventilation principles, and distinguishes between general and local ventilation. Situations where general ventilation and local ventilation are analyzed. Methods for detecting faulty ventilation are described.

CLUSTER RELEVANCE: This film may be used in the following clusters: Manufacturing, Natural Resources and Environment, Agriculture, Health, Home Economics Related Occupations, Personal Services, Business and Office, Hospitality and Recreation, and Public Services.

MODULE SUITABILITY: This film may be used in the module on local exhaust, dust collecting and ventilation systems.

WALKING AND WORKING SURFACES

FORMAT: Audio-visual slides, cassette, booklet, 1977

AVAILABILITY: Sale

SOURCE: OSHA/National Audio-Visual Center

DESCRIPTION: This unit discusses hazards associated with walking and working surfaces and precautions which should be taken to avoid accidents. Some of the major topics include: guardrails, design features for fixed stairways, safety rules for the design and marking of exits or routes to exits, and safety equipment for fire emergencies.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This film may be used with the modules on walking-working surfaces and fire protection.

WATCH THE WIRES

FORMAT: Film, 16mm color, 15 minutes

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: This is an electrical construction safety film that spells out the dangers of cranes and electrical transmission lines. It depicts many examples of careless actions by construction workers in touching electrical wires. The most valuable teaching point of this film is the great electrical shock to man that is possible from harmless looking wires.

CLUSTER RELEVANCE: This film may be used in the Construction cluster.

MODULE SUITABILITY: This film may be used with the modules on electrical safety, material hoists (fixed and mobile), overhead cranes and their attachments; hoisting apparatus (stationary and mobile), elevators (material and personnel); and electrical power transmission and distribution.

WEAR HARD HATS

FORMAT: Film, 16mm color, 10 minutes

AVAILABILITY: Loan

SOURCE: RABKO

DESCRIPTION: A film on how and why men in the construction industry must wear hard hats. Gives a detailed review of how hard hats are made, the degree of pounding they will take by dropping metal bolts, bricks, and other material from several floors up on construction sites.

CLUSTER RELEVANCE: This film may be used in the following clusters: Construction, Manufacturing, Natural Resources and Environment, Public Services, Marketing and Distribution, Marine Science and Transportation.

MODULE SUITABILITY: This film may be used with the modules on safety standards and personal protective equipment.

WEAR YOUR HARD HAT

FORMAT: Film, 16mm color, 8 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film explains, by means of humor and descriptive diagrammatic still pictures, the reasons for and the use of hard hats. The protection afforded by a correct and approved type of hard hat is demonstrated both in practice and theory in a clear, understandable manner.

CLUSTER RELEVANCE: This material may be used in the following clusters: Marketing and Distribution, Hospitality and Recreation, Transportation, Natural Resources and Environment, Marine Science, Manufacturing, Construction and Public Services.

MODULE SUITABILITY: This film may be used with the module on personal protective equipment.

WE'LL SEE TO-MORROW

FORMAT: Film, 16mm color, 10 minutes, 1971

AVAILABILITY: Loan

SOURCE: Gilbert Altschul Productions

DESCRIPTION: A film about a man who was very safety conscious at work, but at home he didn't use eye protection equipment and while working got a chip in his eye. Also gives a lecture on the dangers to the eyes and shows the eye protection required in industry that should be worn. Shows shop hazards that cause eye injuries resulting from intense light, heat, hot liquids, flying sparks. Shows equipment that can prevent the accidents above.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

MODULE SUITABILITY: This material may be used in the module on personal protective equipment.

WE'RE BLASTING NEAR YOU

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE:

DESCRIPTION: A film that shows how contractors take time to protect people, places and things, when blasting. Explains the basics about explosives and blasting procedures in real, non-technical terms. The control and safety considerations used by the construction industry are very educational for all employees.

CLUSTER RELEVANCE: This material may be used in the Construction and Natural Resources and Environment clusters.

MODULE SUITABILITY: This film may be used with the modules on use, storage transportation and security of blasting and explosive materials, and demolition procedures.

WHO IS RIGHT OR WRONG

FORMAT: Film, 16mm color, 24 minutes

AVAILABILITY: Loan

SOURCE: US Bureau of Mines, #831

DESCRIPTION: A general safety film about accidents in a coal mine. Shows three typical mine accidents, two on roof cave-ins and one on blasting accidents. Detailed causes of the various accidents were explored.

CLUSTER RELEVANCE: This film may be used in the Natural Resources and Environment cluster.

MODULE SUITABILITY: May be used with the module on safety standards.

WILL BE SLIGHT DELAY

FORMAT: Film, 16mm color, 25 minutes

AVAILABILITY: Rental

SOURCE: Modern Talking Pictures

DESCRIPTION: The film is on transportation problems in the US -- rail, highway and other types. Tells what is being done about these problems, shows the BART system in San Francisco, and new transportation developments in Europe. The film also shows airport transportation problems and explains the successful program at Dulles Airport in Washington, D.C.

CLUSTER RELEVANCE: This film may be used in the Transportation cluster.

WORKING OVER WATER

FORMAT: Film, 16mm color, 18 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: This film covers the hazards of construction work in a maritime environment and is applicable to such things as bridge building, causeways, dreding, pile driving, pier building. The various exposures are outlined and the necessary emergency, life saving, and first-aid equipment for a marine construction project is outlined. The need for individual personal awareness of the hazards of the work is stressed and consideration is given to the hazards generated by personal clothes and equipment.

CLUSTER RELEVANCE: This film may be used in the Construction and Marine Science clusters.

MODULE SUITABILITY: This film may be used with the modules on personal protective equipment, medical and first aid, safety standards, concrete, concrete forms and shoring, and steel erection.

WRONG PLACE, WRONG TIME, WRONG SHOES

FORMAT: Film, 16mm color

AVAILABILITY: Loan

SOURCE: Employers Insurance of Wausau

DESCRIPTION: 70,000 foot accidents occur each year in industry, most as the result of workers not wearing steel toe safety shoes. This film shows a number of accidents and how they could have been avoided. Detailed information is given on tests that are conducted on safety shoes. Also shown is how attractive safety shoes are being styled today, similar to dress shoes in appearance.

CLUSTER RELEVANCE: This material may be used in the following clusters: Manufacturing, Construction, Natural Resources and Environment, Public Services, Marketing and Distribution, Marine Science, and Transportation.

MODULE SUITABILITY: This film may be used with the module on personal protective equipment.

YOU AND OFFICE SAFETY

FORMAT: Film, 16mm color, 20 minutes

AVAILABILITY: Loan

SOURCE: Travelers Film Library

DESCRIPTION: Demonstrates what can happen in a semmingly well run office where safety has been "heard of" but certainly is not "seen." An excellent presentation for promoting safety consciousness among office employees, painlessly but very effectively.

CLUSTER RELEVANCE: This film may be used in the following clusters: Public Services, Communication & Media, Health, Business and Office, Personal Services, Marketing & Distribution, Hospitality & Recreation, Transportation and Manufacturing.

MODULE SUITABILITY: This film may be used with the modules on safety standards and employer and employee rights and responsibilities.

Section 5

CATALOGS

AIR TEST INSTRUMENTS

FORMAT: Catalog, 1971, 12 pages

AVAILABILITY: Free

SOURCE: E. Vernon Hill, Inc.

DESCRIPTION: This catalog describes various air test instruments.

CLUSTER RELEVANCE: These materials may be used as references for Agriculture, Construction, Health, Manufacturing, and Natural Resources and Environment clusters.

ALAMO FIRE & SAFETY EQUIPMENT COMPANY

FORMAT: Catalog, 1979, 126 pages

AVAILABILITY: Free

SOURCE: Alamo Fire & Safety Equipment Company

DESCRIPTION: This is a catalog of fire and safety equipment supplied by Alamo Fire & Safety Equipment Company.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics and Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

ALNOR INSTRUMENT COMPANY

Here's How You Can Help Your Plant Meet OSHA Ventilation Safety Standards!

FORMAT: Catalog, brochure

AVAILABILITY: Free

SOURCE: Alnor Instrument Company

DESCRIPTION: This catalog lists available ventilation materials.

CLUSTER RELEVANCE: This material may be used as a reference in the following clusters: Agriculture, Public Service, Health, Consumer and Homemaking Occupations, Business and Office, Hospitality and Recreation, Natural Resources and Environment, Construction, and Manufacturing.

AMERICAN ASSOCIATION FOR VOCATIONAL INDUSTRIAL MATERIAL

FORMAT: Catalog

AVAILABILITY: Free

SOURCE: American Association for Vocational Industrial Material

DESCRIPTION: This catalog describes courses, audio-visual aids, and cassettes developed by the American Association for Vocational Industrial Materials.

CLUSTER RELEVANCE: This material may be used as a reference in the following clusters: Agriculture, Construction, Transportation, and Manufacturing.

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AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS

FORMAT: Catalog, 1971-1979. 200 pages

AVAILABILITY: Free

SOURCE: American Society of Agricultural Engineers

DESCRIPTION: These catalogs are comprehensive indexes of ASAE publications for the years 1971-1979.

CLUSTER RELEVANCE: This material may be used as a reference in the Agriculture cluster.

AMERICAN TECH

FORMAT: Catalog, 1980, 28 pages

AVAILABILITY: Free

SOURCE: American Tech

DESCRIPTION: This catalog is a detailed description of educational texts available through American Tech.

CLUSTER RELEVANCE: This material may be used as a referenced in the following clusters: Transportation, Natural Resources and Environment, Manufacturing, and Construction.

BNA BOOK CATALOG

FORMAT: Catalog, 1979, 20 pages

AVAILABILITY: Free

SOURCE: BNA Books

DESCRIPTION: A catalog listing materials available through the Bureau of National Affairs, Inc.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

A CATALOG OF PROFESSIONAL REFERENCES AND RESOURCES

FORMAT: Catalog, 1979/80

AVAILABILITY: Free, single copy

SOURCE: Longwood Division, Allyn & Bacon, Inc.

DESCRIPTION: This catalog lists materials available concerning health and physical education and other materials of a general educational nature.

CLUSTER RELEVANCE: This material may be used as a reference in the Health, Hospitality and Recreation clusters.

DAVIS ANEMOMETERS

FORMAT: Catalog, price list

AVAILABILITY: Free

SOURCE: Davis Instrument Manufacturing Co., Inc.

DESCRIPTION: This catalog includes description of anemometers, accessories and prices available through Davis Instrument Manufacturing Co., Inc.

CLUSTER RELEVANCE: This material may be used as a reference in the Agriculture, Construction and Manufacturing clusters.

DELMAR PUBLISHERS, INC.

FORMAT: Catalog, 1980

AVAILABILITY: Free

SOURCE: Delmar Publishers, Inc.

DESCRIPTION: This catalog describes vocational, technical and industrial arts textbooks available through Delmar Publishers.

CLUSTER RELEVANCE: This material may be used as a reference in the Construction and Manufacturing clusters.

DIRECTORY OF TRAINING AND EDUCATION RESOURCES IN OCCUPATIONAL SAFETY AND HEALTH

FORMAT: Directory, 1977, 381 pages

AVAILABILITY: USGPO-1977-720-065/6620

SOURCE: Herner & Company

DESCRIPTION: This directory is used as a guide to academic programs and courses, short courses and workshops, meetings and conferences, audiovisuals, publications and other resources for field of occupational safety and health.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

ERIC SEARCH

FORMAT: Bibliography (computer printout)

AVAILABILITY: Bibliographic Retrieval Services, Inc.

SOURCE: ERIC

DESCRIPTION: This material is a bibliography of safety materials.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

A GUIDE TO WORKER EDUCATION IN OCCUPATIONAL SAFETY

FORMAT: Catalog, 1979, 110 pages

AVAILABILITY: Free

SOURCE: OSHA

DESCRIPTION: This is a catalog of associations with educational materials.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

NATIONAL DIRECTORY OF SAFETY FILMS

FORMAT: Catalog, 1978, 64 pages

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This is a catalog of safety films supplied by the National Safety Council.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

NATIONAL EDUCATION MEDIA, INC.

FORMAT: Catalog, 1980, 16 pages

AVAILABILITY: Free

SOURCE: National Education Media, Inc.

DESCRIPTION: This catalog lists all educational materials distributed by National Education Media, Inc.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

NATIONAL SAFETY COUNCIL GENERAL MATERIALS CATALOG

FORMAT: Catalog, 1980, 64 pages

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This catalog lists all general materials produced by the National Safety Council.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

NATIONAL SAFETY COUNCIL MATERIALS PRICE LIST

FORMAT: Catalog, 1979, 10 pages

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This catalog is a complete price list of materials distributed by the National Safety Council.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

NIOSH CERTIFIED EQUIPMENT - CUMULATIVE SUPPLEMENT 1976

FORMAT: Catalog, 1976, 23 pages

AVAILABILITY: USGPO 1976-657-645/253

SOURCE: National Institute of Occupational Safety & Health

DESCRIPTION: This is a listing of equipment certified by NIOSH during the year 1976.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

NIOSH PUBLICATIONS CATALOG

FORMAT: Catalog, 1979, 369 pages

AVAILABILITY: Free

SOURCE: National Institute of Occupational Safety & Health

DESCRIPTION: This is a detailed catalog listing of all publications by NIOSH.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

OCCUPATIONAL SAFETY & HEALTH DIRECTORY

FORMAT: Directory

AVAILABILITY: HEW (NIOSH) 75-180

SOURCE: National Institute of Occupational Safety & Health

DESCRIPTION: This directory lists the names, titles, addresses and telephone numbers of key personel in NIOSH, OSHA, and the Review Commission.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

OCCUPATIONAL SAFETY & HEALTH - A BIBLIOGRAPHY

FORMAT:	Bibliography, 648 pages
AVAILABILITY:	USGPO-294-632-I-3
SOURCE:	Office of the Assistant Secretary for Administration and Management
DESCRIPTION:	This is a bibliography for sources of information on safety and health.
CLUSTER RELEVANCE:	This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

OSHA PUBLICATIONS AND TRAINING MATERIALS

FORMAT:	Catalog, 1979, 15 pages
AVAILABILITY:	NTIS
SOURCE:	OSHA #2019
DESCRIPTION:	This is a listing of available materials put out by OSHA. Materials are concerning occupational health and safety.
CLUSTER RELEVANCE:	This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

OPERATION LIFESAVER

FORMAT: Catalog

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This is a catalog of all National Safety Council pamphlets and leaflets.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

PUBLIC INFORMATION INVENTORY AND INDEX

FORMAT: Catalog

AVAILABILITY: Free

SOURCE: U.S. Food and Drug Administration

DESCRIPTION: This catalog lists nontechnical documents issued by the FDA as "public information" intended for distribution to the general public.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

SAFETY IN VOCATIONAL EDUCATION

FORMAT: Catalog, 1979, 33 pages

AVAILABILITY: Sale

SOURCE: American Vocational Association

DESCRIPTION: This is a list of resources of safety material related to vocational education.

CLUSTER RELEVANCE: This material may be used in the Agriculture, Construction, and Manufacturing clusters.

SAFETY TRAINING

FORMAT: Catalog, 1980, 12 pages

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This is a catalog of safety training courses distributed by the National Safety Council.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics and Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

SAFETY TRAINING INSTITUTE, COURSE SCHEDULE

FORMAT: Catalog, 1979-80, 16 pages

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This catalog provides a description of courses offered by the National Safety Council.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

SPECIAL SERVICES FOR YOU

FORMAT: Catalog, 1979, 15 pages

AVAILABILITY: Free

SOURCE: National Safety Council

DESCRIPTION: This is a catalog of special service materials provided by the National Safety Council.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

STATE DIRECTORS CETA - INDUSTRIAL ARTS EDUCATION, ADULT EDUCATION

FORMAT: Catalog, 1979, 30 pages

AVAILABILITY: Free

SOURCE: Department of Health, Education and Welfare

DESCRIPTION: This catalog is a complete listing of all state directors of CETA programs.

CLUSTER RELEVANCE: This material may be used as a reference for the following clusters: Agriculture, Marketing and Distribution, Communication and Media, Hospitality and Recreation, Business and Office, Personal Services, Transportation, Health, Home Economics Related Occupations, Natural Resources and Environment, Marine Science, Manufacturing, Construction, Public Service, and Fine Arts and Humanities.

VELOMETERS

FORMAT: Catalog, 1971, 12 pages

AVAILABILITY: Free

SOURCE: Alnor Instrument Co.

DESCRIPTION: This is a catalog of air velocity measurement instruments.

CLUSTER RELEVANCE: This material may be used as a reference in the following clusters: Agriculture, Transportation, Health, Natural Resources and Environment, Construction, and Manufacturing.

VOCATIONAL EDUCATION INSTRUCTIONAL MATERIALS

FORMAT: Catalog, 1979, 34 pages

AVAILABILITY: Free

SOURCE: Vocational Education Media Center

DESCRIPTION: This catalog contains listings of vocational educational materials.

CLUSTER RELEVANCE: This material may be used as a reference in the following clusters: Agriculture, Construction, Manufacturing.

Section 6

LIST OF SOURCES

ADDRESSES OF SOURCES

Actus Environmental Services, Inc.
7376 Industrial Road
Florence, KY 41042

Addison-Wesley Publishing Co.
Reading, MA 01867

Aetna Life & Casualty Ins. Co.
110 William St.
New York, NY

Alamo Fire & Safety Co.
510 San Fernando
San Antonio, TX 78207

Allyn & Bacon, Inc.
Longwood Division
Dept. 898-LC Link Dr.
Rockleigh, NJ 07647

Alnor Instrument Co.
420 N. LaSalle St.
Chicago, IL 60610

American Association Vocation Instructional Materials
Engineering Center
Athens, GA 30602

American Mutual Insurance Alliance
20 N. Wacker Dr.
Chicago, IL 60606

American National Red Cross
17th & D St., NW
Washington, DC 20006

American Society of Agriculture Engineers
P. O. Box 410
St. Joseph, MI 49085

American Tech
5608 Stony Island Ave.
Chicago, IL 60637

American Vocational Association
2020 N. 14th St.
Arlington, VA 22201

Association of Films, Inc.
8615 Directors Row
Dallas, TX 76247

Bergwall Productions, Inc.
829 Stewart Ave.
Garden City, N& 11530

Bilson International, Inc.
11800 Sunrise Valley Dr.
VA 22091

BNA Communications
9401 Decoverly Hall Rd.
Rockville, MD 20850

Bray Studios, Inc.
630 9th Ave.
New York, NY 10036

Brown & Root
Houston, TX

California, University of
Center for Labor Research Relations
Institute of Labor Relations
Berkeley, CA

California, University of
Extension Media Center
2223 Fulton St.
Berkeley, CA 94720

J. I. Case
700 State St.
Racine, WI 53404

Center for Occupational Hazards, Inc.
5 Beckman St.
New York, NY 10038

Centron Educational Films
1621 W. Nineth
Lawrence, KA 66044

Channing L. Bete Co., Inc.
Greenfield, MA

Chronicle Guidance Publications
Monancia, NY 13118

Cinesound Co.
473 Winter St.
Walthorn, MA 02154

Clemson University
Voc/Ed Media Center
10 Tillman Hall
Clemson, SC 20631

Columbia Research Labs
Woodlyn, PA 19094

Commerce Clearing House, Inc.
4025 West Peterson Ave.
Chicago, IL 60646

Construction Safety Association of Ontario
74 Victoria St.
Toronto, Ontario, Canada M5C-2A5

Crawley Films
75 Albert St.
Suite 1105
Ottawa, Canada

Cummins Diesel Engine
Columbus, IN 47201

Davis Instrument Mfg. Co., Inc.
513 East 36th St.
Baltimore, MD 21218

John Deere Co.
Distribution Service Center
1400 3rd Ave.
Moline, IL 61265

Delmar Publishers
50 Wolf Rd.
Albany, NY 12205

Employers Film Library
Employers of Wausau
Wausau, WI

Eutetic + Castolin Institute
40-40 172nd St.
Flushing, NY 11358

Film Communicators
11136 Weddington St.
North Hollywood, CA 91601

Fisher Laboratory
711 Forbes Ave.
Pittsburgh, PA 15219

General Radio Company
300 Baker Ave.
West Concord, MA 01742

Harvest Film Co.
309 Fifth Ave.
New York, NY 10016

Hewlett Packard
Medical Electronics Division
175 Wyman St.
Waltham, MA 02154

E. Vernon Hill, Inc.
P. O. Box 14248
San Francisco, CA 94114

Illinois, University of, Urbana Campus
Rurban Education Division Laboratory
Dept. of Vocational Technical Education
357 Education Bldg.
Urbana, IL

Indiana Voc Tech Education
401 Illinois Bldg.
172 Market St.
Indianapolis, IN 46204

Industrial Accident Prevent Association of Ontario
2 Bloor St., East
Toronto, Ontario, Canada M4W-3C2

International Film Bureau
332 S. Michigan Ave
Chicago, IL 60604

International Safety Academy
P. O. Box 4365
1201 Georgia Ave.
Macon, GA 31208

Intext Communications Systems
Scranton, PA

Richard D. Irwin, Inc.
Homewood, IL

Journal Films, Inc.
930 Pitner Ave.
Evanston, IL 60202

Kemper Insurance Co.
National Loss Control Service
Long Grove, IL 60049

Kentucky, University of
Curriculum Development Center
Lexington, KY

Kirk & Blum Mfg. Co.
Cincinnati, OH 45209

Labconoco Corp.
8811 Prospect
Kansas City, MO 64132

Louisiana, State of
State Voc Tech and Trade Schools of LA
Voc. Curriculum Development and Research Center
Natchitoches, LA 71457

Mallinckrodt Chemical Works
P. O. Box 5439
St. Louis, MO 63160

Materials Handling Institute
1326 Freeport Rd.
Pittsburgh, PA 15238

Matheson Gas Products
East Rutherford, NJ

McGraw-Hill
330 W. 42nd St.
New York, NY 10036

Millersville State College
Millersville, PA 17551

Modern Talking Pictures
5000 Park Street North
St. Petersburg, FL 33709

National Education Media, Inc.
15760 Ventura Blvd.
Encino, CA 91436

National Fire Protection Association
476 Atlantic Ave.
Boston, MA 02216

National Institute for Advanced Studies
1133 Fifteenth St. NW
Suite 1000
Washington, DC 20005

National Institute of Safety and Health
4676 Columbia Pkwy
Cincinnati, OH 45226

National Safety Council
444 N. Michigan Ave
Chicago, IL 60611

National Technical Information Services
5285 Royal Rd.
Springfield, VA 22161

New Jersey, State of
Department of Education
Division of Voc Education
Trenton, NJ

Ohio State Dept. of Education
Vocational Education
Columbus, OH 43210

Ohio State University
Labor Ed. & Resource Service
1810 College Road
Columbus, OH 43210

PRC Systems Science Co.
McLean, VA

Prentice-Hall, Inc.
70 5th Ave.
New York, NY

Reinhold Publishing Co.
450 W. 33rd St.
New York, NY 10001

Rutgers, the State University
Middlesex Co. Voc/Tech Schools
4103 Hilmer Campus
New Brunswick, NJ

Safety Consultants, Inc.
P. O. Box 6564
Odessa, TX 79762

Safety Education Consultants, Inc.
P. O. Box 1608
Midland, TX 79710

H. H. Schott Sonic Electronics
Maynard, MA

Standard Oil of California
225 Bush St.
San Francisco, CA 94104

Stout State University
Menomonic, WI

Technical Publishing Co.
1301 S. Grove Ave.
Barrington, IL 60010

Texas A&M University
College Station, TX

Texas Manufacturers Association
P. O. Box 52428
Houston, TX 77052

Travelers Film Library
Travelers Company
Engineering Division

Tulsa Public Schools & Voc Ed
Tulsa, OK

2000 Company
P. O. Box 546
Costa Mesa, CA 92627

US Steel Corp.
Pittsburgh Film Distribution Center
600 Grant St., Room 5545
Pittsburgh, PA 15230

Utah State Board of Education
250 East 5th South
Salt Lake City, UT 84111

Vought Corporation (LTV)
Systems Division
MSI-27130
P. O. Box 225907
Dallas, TX 75265

Walter Kidde & Co, Inc.
Bellville, NJ 07109

West Glen Films
565 Fifth Ave.
New York, NY 10017

Wiley Publications
605 3rd Ave.
New York, NY 10016

Daniel Woodhead Co.
3411 Woodhead Dr.
Northbrook, IL 60062

Xerox Films
245 Long Hill Rd.
Middletown, CT 06457

GOVERNMENT AGENCIES

Bureau of Mines
Washington, DC

Bureau of National Affairs
1231 25th St., NW
Washington, DC 20037

National Audio-Visual Center
Division of National Archives
Washington, DC

Superintendent of Documents
US Government Printing Office
Washington, DC

US Consumer Product Safety Commission
Interagency Regulatory Liaison Group
5401 Westhand Ave.
Washington, DC

US Department of HEW
Public Health Services
Occupational Health Research & Training Facilities
1014 Broadway
Cincinnati, OH 45202

US Dept. of Labor
Bureau of Labor Statistics
Washington, DC

US Food & Drug Administrtion
Public Health Service
Rockville, MD 20857

US Occupational Safety and Health Administration
Washington, Dc

US Postal Service
Washington, DC

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